

**(** Tel: 400-999-8863 ■ Emall:Upingbio.163.com



## Dynein LC 1 Polyclonal Antibody

Catalog No         YP-Ab-03129           Isotype         IgG           Reactivity         Human;Mouse           Applications         WB;IHC;IF;ELISA           Gene Name         DNAL1           Protein Name         Dynein light chain 1 axonemal           Immunogen         The antiserum was produced against synthesized peptide derived from human DNAL1. AA range:121-170           Specificity         Dynein LC 1 Polyclonal Antibody detects endogenous levels of Dynein LC 1 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000. IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         DNAL1; C14orf168; Dynein light chain 1; axonemal           Observed Band         22kD           Cell Pathway         Cytoplasm, cytoskeleton, cilium axoneme .           Tissue Specificity         Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.           Function         Lischieri		
Reactivity Human;Mouse  Applications WB;IHC;IF;ELISA  Gene Name DNAL1  Protein Name Dynein light chain 1 axonemal  Immunogen The antiserum was produced against synthesized peptide derived from human DNAL1. AA range:121-170  Specificity Dynein LC 1 Polyclonal Antibody detects endogenous levels of Dynein LC 1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Puriffication The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band 22kD  Cell Pathway Cytoplasm, cytoskeleton, cilium axoneme.  Tissue Specificity Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats, subunit:Interacts with DNAH5, Lissue specificity/Expressed in tissues carrying motile cilia such as testis.  Background This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor and provides the foresed in tissue all with a TP-dependent manner. The repeated provided in the movement of sperm flagella. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2011].	Catalog No	YP-Ab-03129
Applications WB:HC;IF;ELISA  Gene Name DNAL1  Protein Name Dynein light chain 1 axonemal  Immunogen The antiserum was produced against synthesized peptide derived from human DNAL1. AA range:121-170  Specificity Dynein LC 1 Polyclonal Antibody detects endogenous levels of Dynein LC 1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band 22kD  Cell Pathway Cytoplasm, cytoskeleton, cilium axoneme.  Tissue Specificity Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function similarity:Belongs to the dynein light chain LC1-type family, similarity:Contains 4 LRR (leucine-rich) repeats, subunit; Interacts with DNAH5, tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with molitic cilia or false acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with molitic cilia or false acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with molitic cilia or false act as at the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with molitic cilia or false act as the molecular motor that provides the force to move cilia in an A	Isotype	IgG
Protein Name   DNAL1	Reactivity	Human;Mouse
Protein Name   Dynein light chain 1 axonemal	Applications	WB;IHC;IF;ELISA
Immunogen         The antiserum was produced against synthesized peptide derived from human DNAL1. AA range:121-170           Specificity         Dynein LC 1 Polyclonal Antibody detects endogenous levels of Dynein LC 1 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         DNAL1; C14orf168; Dynein light chain 1; axonemal           Observed Band         22kD           Cell Pathway         Cytoplasm, cytoskeleton, cilium axoneme .           Tissue Specificity         Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.           Function         LiRR (leucine-rich) repeats, subunit:Interacts with DNAH5, tissue specificity:Expressed in tissues with DNAH5, tissue specificity:Expressed in tissues carrying motile cilia such as testis.,           Background         This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent mann	Gene Name	DNAL1
DNAL1. AA range:121-170  Specificity  Dynein LC 1 Polyclonal Antibody detects endogenous levels of Dynein LC 1 protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Polyclonal, Rabbit, IgG  Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration  1 mg/ml  Purity  290%  Storage Stability  -20°C/1 year  Synonyms  DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band  22kD  Cell Pathway  Cytoplasm, cytoskeleton, cilium axoneme.  Tissue Specificity  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  Lirk (leucine-rich) repeats, subunit:Interacts with DNAH5, tissue specificity. Expressed in tissues carrying motile cilia such as testis.,  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants. [provided by RefSeq., Jan 2011],	Protein Name	Dynein light chain 1 axonemal
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band 22kD  Cell Pathway Cytoplasm, cytoskeleton, cilium axoneme.  Tissue Specificity Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function similarity. Belongs to the dynein light chain LC1-type family., similarity: Contains 4 LRR (leucine-rich) repeats, subunit: Interacts with DNAH5, tissue specificity: Expressed in tissues carrying motile cilia such as testis.  Background This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2011],	Immunogen	
Source       Polyclonal, Rabbit,IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       DNAL1; C14orf168; Dynein light chain 1; axonemal         Observed Band       22kD         Cell Pathway       Cytoplasm, cytoskeleton, cilium axoneme .         Tissue Specificity       Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.         Function       similarity:Belongs to the dynein light chain LC1-type family, similarity:Contains 4 LRR (leucine-rich) repeats, subunit:Interacts with DNAH5, tissue specificity:Expressed in tissues carrying motile cilia such as testis.,         Background       This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2011],         matters needing       Avoid repeated freezing and thawing!	Specificity	
Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band  22kD  Cell Pathway  Cytoplasm, cytoskeleton, cilium axoneme .  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  Tissue Specificity: Expressed in tissues carrying motile cilia such as testis.,  This gene encodes an axonemal dynein light chain LC1-type familysimilarity:Contains 4 LRR (leucine-rich) repeats., subunit:Interacts with DNAH5., tissue specificity: Expressed in tissues carrying motile cilia such as testis.,  Background  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  Avoid repeated freezing and thawing!	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution  WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band  22kD  Cell Pathway  Cytoplasm, cytoskeleton, cilium axoneme .  Tissue Specificity  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  similarity:Belongs to the dynein light chain LC1-type family, similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2011],  matters needing  Avoid repeated freezing and thawing!	Source	Polyclonal, Rabbit,IgG
Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band 22kD  Cell Pathway Cytoplasm, cytoskeleton, cilium axoneme.  Tissue Specificity Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  matters needing Avoid repeated freezing and thawing!	Purification	·
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band 22kD  Cell Pathway Cytoplasm, cytoskeleton, cilium axoneme .  Tissue Specificity Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  matters needing Avoid repeated freezing and thawing!	Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200
Synonyms  DNAL1; C14orf168; Dynein light chain 1; axonemal  Observed Band  22kD  Cell Pathway  Cytoplasm, cytoskeleton, cilium axoneme.  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  similarity:Belongs to the dynein light chain LC1-type family., similarity:Contains 4 LRR (leucine-rich) repeats., subunit:Interacts with DNAH5., tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  matters needing  Avoid repeated freezing and thawing!	Concentration	1 mg/ml
Synonyms  DNAL1; C14orf168; Dynein light chain 1; axonemal  22kD  Cell Pathway  Cytoplasm, cytoskeleton, cilium axoneme.  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  similarity:Belongs to the dynein light chain LC1-type family., similarity:Contains 4 LRR (leucine-rich) repeats., subunit:Interacts with DNAH5., tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  matters needing  Avoid repeated freezing and thawing!	Purity	≥90%
Cell Pathway  Cytoplasm, cytoskeleton, cilium axoneme.  Tissue Specificity  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  matters needing  Avoid repeated freezing and thawing!	Storage Stability	-20°C/1 year
Cell Pathway  Cytoplasm, cytoskeleton, cilium axoneme.  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  Matters needing  Avoid repeated freezing and thawing!	Synonyms	DNAL1; C14orf168; Dynein light chain 1; axonemal
Tissue Specificity  Expressed in tissues carrying motile cilia such as respiratory epithelia, ependyma and testis.  Function  similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  Matters needing  Avoid repeated freezing and thawing!	Observed Band	22kD
and testis.  Function  similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  Matters needing  Avoid repeated freezing and thawing!	Cell Pathway	Cytoplasm, cytoskeleton, cilium axoneme .
LRR (leúcine-ričh) repeatś.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  Background  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  matters needing  Avoid repeated freezing and thawing!	Tissue Specificity	
component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],  matters needing  Avoid repeated freezing and thawing!	Thouse opening.	
		and testis. similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue
	Function	and testis.  similarity:Belongs to the dynein light chain LC1-type family.,similarity:Contains 4 LRR (leucine-rich) repeats.,subunit:Interacts with DNAH5.,tissue specificity:Expressed in tissues carrying motile cilia such as testis.,  This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple



## UpingBio technology Co.,Ltd

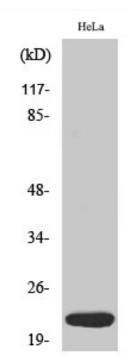
📞 Tel: 400-999-8863 🗷 Emall:Upingbio.163.com



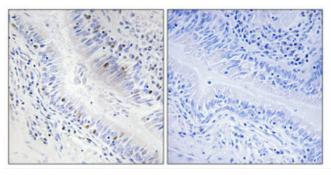
**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

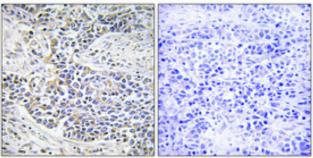
## **Products Images**



Western Blot analysis of various cells using Dynein LC 1 Polyclonal Antibody diluted at 1:500



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



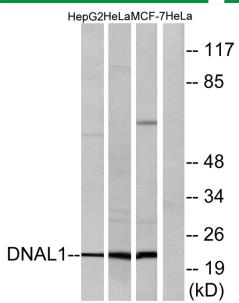
Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



## UpingBio technology Co.,Ltd

**(** Tel: 400-999-8863 ■ Emall:Upingbio.163.com





Western blot analysis of lysates from HeLa, HepG2, and MCF-7 cells, using DNAL1 Antibody. The lane on the right is blocked with the synthesized peptide.