



DC1L1 Polyclonal Antibody

Catalog No	YP-Ab-07682
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	DYNC1LI1 DNCLI1
Immunogen	Synthesized peptide derived from part region of human protein AA range: 292-342
Specificity	DC1L1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DLC-A;DLIC-1;DNCLI1;LIC1;1110053F02Rik;Dlic1;Dncl1;LIC-1;DC1L1_HUMAN;DYNC1LI1;Dynein light chain A (DLC-A);Dynein light intermediate chain 1;cytosolic (DLIC-1);DC1L1_MOUSE;cytosolic;DC1L1_RAT;dynein cytoplasmic 1 light intermediate chain 1;dynein;cytoplasmic;light intermediate polypeptide 1;DC1L1;DYNC1LI1 DNCLI1;Cytoplasmic dynein 1 light intermediate chain 1 (LIC1) (Dynein light chain A) (DLC-A) (Dynein light intermediate chain 1;cytosolic)
Observed Band	57 kDa
Calculated Molecular Weight	57 kDa
Cell Pathway	Cytoplasm . Chromosome, centromere, kinetochore . Cytoplasm, cytoskeleton, spindle pole .
Tissue Specificity	Cerebellum,Coronary artery,Epithelium,Human testis,
Function	function:May play a role in binding dynein to membranous organelles or chromosomes. May associate with the heavy chains in the dynein head where they might regulate enzyme activity.,PTM:Phosphorylated.,similarity:Belongs to the dynein light intermediate chain family.,subunit:Consists of at least 3 heavy chains (alpha, beta and gamma), 2 intermediate chains and 8 light chains.,

Background

The protein encoded by this gene belongs to light intermediate subunit family, whose members are components of the multiprotein cytoplasmic dynein complex, which is involved in intracellular trafficking and chromosome segregation during mitosis. The protein plays a role in moving the spindle assembly checkpoint (SAC) from kinetochores to spindle poles. The protein may also mediate binding to other cargo molecules to facilitate intracellular vesicle trafficking. [provided by RefSeq, Jul 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

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

Products Images