



DC1I2 Polyclonal Antibody

Catalog No	YP-Ab-05503
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	DYNC1I2 DNCI2 DNCIC2
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DC1I2 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	IC2;DNCIC2;DNCI2;DH IC-2;DH IC 2;DC1I2;DYNC1I2 DNCI2 DNCIC2; Cytoplasmic dynein 1 intermediate chain 2 (Cytoplasmic dynein intermediate chain 2) (Dynein intermediate chain 2;cytosolic) (DH IC-2)
Observed Band	68-72 kDa
Calculated Molecular Weight	612 aa, 68 kDa
Cell Pathway	Cytoplasm, cytoskeleton . Cytoplasm . Detected in the cytoplasm of pachytene spermatocytes. Localizes to the manchette in elongating spermatids. .
Tissue Specificity	Brain,Cajal-Retzius cell,Endometrium,Epithelium,Kidney,Skin
Function	function:The intermediate chains seem to help dynein bind to dynactin 150 kDa component.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., sequence caution:Unlikely isoform. Several sequence problems., similarity:Belongs to the dynein intermediate chain family.,similarity:Contains 7 WD repeats.,subunit:Consists of at least two heavy chains and a number of intermediate and light chains.,
Background	This gene encodes a member of the dynein intermediate chain family. The encoded protein is a non-catalytic component of the cytoplasmic dynein 1 complex, which acts as a retrograde microtubule motor to transport organelles



and vesicles. A pseudogene of this gene is located on chromosome 10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012],

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