



# DC1I2 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05503
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	DYNC1I2 DNCI2 DNCIC2
<b>Protein Name</b>	Cytoplasmic dynein 1 intermediate chain 2 (Cytoplasmic dynein intermediate chain 2) (Dynein intermediate chain 2, cytosolic) (DH IC-2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	DC1I2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	70kD
<b>Cell Pathway</b>	Cytoplasm, cytoskeleton . Cytoplasm . Detected in the cytoplasm of pachytene spermatocytes. Localizes to the manchette in elongating spermatids. .
<b>Tissue Specificity</b>	Brain,Cajal-Retzius cell,Endometrium,Epithelium,Kidney,Skin
<b>Function</b>	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.,
<b>Background</b>	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],
<b>matters needing attention</b>	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**