



Rabbit Anti-KIF24 antibody

SL17051R

Product Name:	KIF24
Chinese Name:	驱动蛋白家族成员24抗体
Alias:	bA571F15.4; C9orf48; Kif24; KIF24_HUMAN; kinesin family member 24; Kinesin-like protein KIF24; RP11-571F15.7.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	152kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human KIF24:361-460/1368
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Kinesins, such as KIF24, are microtubule-dependent ATPases that function as molecular motors. They play important roles in intracellular vesicle transport and cell division (summary by Venturelli et al., 2010 [PubMed 20670673]).[supplied by OMIM, Feb 2011] Function:

Microtubule-dependent motor protein that acts as a negative regulator of ciliogenesis by mediating recruitment of CCP110 to mother centriole in cycling cells, leading to restrict nucleation of cilia at centrioles. Mediates depolymerization of microtubules of centriolar origin, possibly to suppress aberrant cilia formation.

Subunit:

Interacts with CCP110 and CEP97.

Subcellular Location:

Cytoplasm; cytoskeleton.

Similarity:

Belongs to the kinesin-like protein family.

Contains 1 kinesin-motor domain.

Contains 1 SAM (sterile alpha motif) domain.

SWISS:

Q5T7B8

Gene ID:

347240

Database links:

[Entrez Gene: 347240](#) Human

[Omim: 613747](#) Human

[SwissProt: Q5T7B8](#) Human

[Unigene: 710246](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.