



Rabbit Anti-KIF21B antibody

SL17048R

Product Name:	KIF21B
Chinese Name:	驱动蛋白家族成员21B抗体
Alias:	KI21B HUMAN; KIAA0449; KIF21B; Kinesin-like protein KIF21B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,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:	183kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human KIF21B:1181-1280/1637
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:	This gene encodes a member of the kinesin superfamily. Kinesins are ATP-dependent microtubule-based motor proteins that are involved in the intracellular transport of membranous organelles. Single nucleotide polymorphisms in this gene are associated with inflammatory bowel disease and multiple sclerosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Function:

Microtubule-binding motor protein probably involved in neuronal dendritic transport. In vitro, has a plus-end directed motor activity.

Subcellular Location:

Cytoplasm > cytoskeleton.

Similarity:

Belongs to the kinesin-like protein family.

Contains 1 kinesin-motor domain.

Contains 7 WD repeats.

SWISS:

O75037

Gene ID:

23046

Database links:

[Entrez Gene: 23046](#) Human

[Omim: 608322](#) Human

[SwissProt: O75037](#) Human

[Unigene: 169182](#) Human

Important Note:

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