

KIF19 Rabbit pAb

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Catalog # AP56530

Product Information

Application	WB
Primary Accession	Q2TAC6
Reactivity	Human
Predicted	Rat, Pig, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111332
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIF19
Epitope Specificity	701-800/998
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The kinesins constitute a large family of microtubule-dependent motor proteins, which are responsible for the distribution of numerous organelles, vesicles and macromolecular complexes throughout the cell. Kinesins also play crucial roles in cell division, intracellular transport and membrane trafficking events including endocytosis and transcytosis. Belonging to the Kinesin-like protein family, KIF19 is a 998 amino acid protein that contains one kinesin-motor domain, a domain that creates force in order to bind and move on microtubules. The gene encoding KIF19 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. There are three isoforms of KIF19 that are produced as a result of alternative splicing events.

Additional Information

Gene ID	124602
Other Names	Kinesin-like protein KIF19, KIF19
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

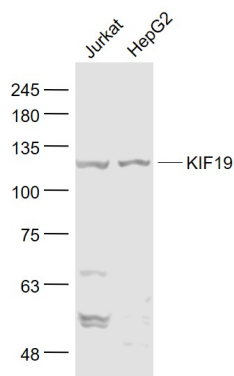
Protein Information

Name	KIF19
Function	Plus end-directed microtubule-dependent motor protein that regulates the length of motile cilia by mediating depolymerization of microtubules at ciliary tips.
Cellular Location	Cytoplasm, cytoskeleton. Cell projection, cilium. Note=Localizes to cilia tips

Background

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Images



Sample:

Jurkat(Human) Cell Lysate at 30 ug

HepG2(Human) Cell Lysate at 30 ug

Primary: Anti- KIF19 (AP56530) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 111 kD

Observed band size: 111 kD

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