SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-KIF19/Biotin Conjugated antibody

Catalog Number: SL17043R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-KIF19/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human KIF19
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Pig,Horse)
Background:	background: 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. **Function:** A hypothetical protein found on chromosome 17 **Similarity:** Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Kinesin family. Contains 1 kinesin motor domain.

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

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	Database links: **Entrez Gene:** 124602 Human **SwissProt:** Q2TAC6 Human **SwissProt:** Q99PT9 Mouse **Unigene:** 372773 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.