



Rabbit Anti-KIF19/AP Conjugated antibody

SL17043R-AP

Product Name	Anti-KIF19/AP
Chinese Name	碱性磷酸酶（AP）标记的驱动蛋白家族成员 19 抗体
Alias	Kinesin-like protein KIF19; KIF19_HUMAN.
Research Area	Cell biology Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Pig,Horse) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	111kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human KIF19
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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.
Storage	
Product Detail	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.

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.