

KIF15 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54299**Specification**

KIF15 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9NS87
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIF15
Epitope Specificity	101-200/1388
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Cytoplasm, cytoskeleton, spindle.Note=Detected during the interphase in the cytoplasm as finelypunctuate pattern and irregularly shaped dots. Detected duringmitosis on the mitotic spindle. Colocalizes with TPX2 in mitosis.Localizes at the central spindle at anaphase.Localizes at the sites of invaginating cell membranes, a positionthat corresponds to the location of the contractile actomyosin ringof dividing cells. Colocalizes with actin ininterphase. Colocalizes in dendrites and in growthcone of axons with microtubules.
SIMILARITY	Belongs to the kinesin-like protein family. KLP2subfamily. Contains 1 kinesin-motor domain.
SUBUNIT	Interacts with MKI67 and TPX2.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

KIF15 belongs to the kinesin-like protein family and contains 1 kinesin-motor domain. KIF15 is the plus-end directed kinesin-like motor enzyme involved in mitotic spindle assembly.

KIF15 Polyclonal Antibody - Additional Information

Gene ID 56992**Other Names**

Kinesin-like protein KIF15, Kinesin-like protein 2, hKLP2, Kinesin-like protein 7, Serologically defined breast cancer antigen NY-BR-62, KIF15, KLP2, KNSL7

Target/Specificity

Highly expressed in liver and weakly in testis. Expression was higher in patients with severe fibrosis or inflammation and chronic hepatitis.

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

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.

KIF15 Polyclonal Antibody - Protein Information

Name KIF15

Synonyms KLP2, KNSL7

Function

Plus-end directed kinesin-like motor enzyme involved in mitotic spindle assembly.

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, spindle. Note=Detected during the interphase in the cytoplasm as finely punctuate pattern and irregularly shaped dots. Detected during mitosis on the mitotic spindle. Colocalizes with TPX2 in mitosis. Localizes at the central spindle at anaphase (By similarity). Localizes at the sites of invaginating cell membranes, a position that corresponds to the location of the contractile actomyosin ring of dividing cells (By similarity). Colocalizes with actin in interphase (By similarity) Colocalizes in dendrites and in growth cone of axons with microtubules (By similarity).

Tissue Location

Expressed in testis, colon, thymus and in breast cancer.

KIF15 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KIF15 Polyclonal Antibody - Images