

KIF15 Rabbit pAb

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Catalog # AP54299

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9NS87
Predicted	Rat, Dog, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160160
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 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. Localizes at the sites of invaginating cell membranes, a position that corresponds to the location of the contractile actomyosin ring of dividing cells. Colocalizes with actin in interphase. Colocalizes in dendrites and in growth cone of axons with microtubules.
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.

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
Dilution	IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500, ELISA=1:500 0-10000
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	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.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.