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KIF15 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18273C

Specification

KIF15 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9NS87
Other Accession	NP_064627.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**160160**
Antigen Region	**777-804**

KIF15 Antibody (Center) - 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
This KIF15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 777-804 amino acids from the Central region of human KIF15.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
KIF15 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

KIF15 Antibody (Center) - 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).

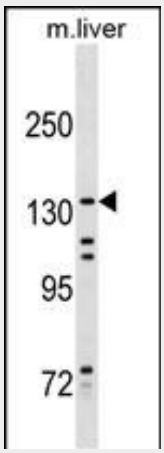
Tissue Location
Expressed in testis, colon, thymus and in breast cancer.

KIF15 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KIF15 Antibody (Center) - Images



KIF15 Antibody (Center) (Cat. #AP18273c) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the KIF15 antibody detected the KIF15 protein (arrow).

KIF15 Antibody (Center) - Background

Plus-end directed kinesin-like motor enzyme involved in mitotic spindle assembly (By similarity).

KIF15 Antibody (Center) - References

Vanneste, D., et al. Curr. Biol. 19(20):1712-1717(2009)
Tanenbaum, M.E., et al. Curr. Biol. 19(20):1703-1711(2009)

Stelzl, U., et al. Cell 122(6):957-968(2005)
Scanlan, M.J., et al. Cancer Immun. 1, 4 (2001) :
Sueishi, M., et al. J. Biol. Chem. 275(37):28888-28892(2000)