

Rabbit KIF20A Polyclonal Antibody | anti-KIF20A antibody

Phospho-KIF20A (Tyr869) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328334	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

KIF20A; Polyclonal Antibody; Phospho-KIF20A (Tyr869) Antibody; AA415432; FLJ21151; GG10 2; GG10_2; KI20A_HUMAN; kinesin family member 20A; Kinesin like protein KIF20A; Kinesin-like protein 174; Kinesin-like protein KIF20A; mitotic kinesin like protein 2; Mitotic kinesin-like protein 2; MKlp2; OTTHUMP00000159481; RAB6 interacting; kinesin like (rabkinesin6); Rab6-interacting kinesin-like protein; RAB6-INTERACTING PROTEIN; KINESIN-LIKE; RAB6KIFL; Rabkinesin 6; Rabkinesin-6; anti-KIF20A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-KIF20A (Tyr869) Antibody detects endogenous levels of KIF20A only when phosphorylated at Tyr869.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	890
Applicable Applications for anti-KIF20A antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KIF20A around the phosphorylation site of Tyr869.
Subcellular Location	Cytoskeleton; Golgi Apparatus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-KIF20A (Tyr869) in lysates of 293, using Phospho-KIF20A (Tyr869) Antibody.



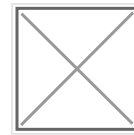
IHC (Immunohistochemistry)

At 1/100 staining mouse heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-KIF20A antibody

Description: Mitotic kinesin required for chromosome passenger complex (CPC)-mediated cytokinesis. Following phosphorylation by PLK1, involved in recruitment of PLK1 to the central spindle. Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end-directed motility.

Post Translational Modifications: Phosphorylated by PLK1 at Ser-528 during mitosis, creating a docking site for PLK1 and recruiting PLK1 at central spindle.

Similarity: Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Kinesin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032013
NCBI GeneID	10112
NCBI Accession #	NP_005724.1
NCBI GenBank Nucleotide #	NP_005724.1
UniProt Accession #	O95235
Molecular Weight	Observed: 100 kDa Predicted: 101 kDa
NCBI Official Full Name	kinesin-like protein KIF20A
NCBI Official Synonym Full Names	kinesin family member 20A
NCBI Official Symbol	KIF20A
NCBI Official Synonym Symbols	MKLP2; RAB6KIFL
NCBI Protein Information	kinesin-like protein KIF20A
UniProt Protein Name	Kinesin-like protein KIF20A
UniProt Gene Name	KIF20A
UniProt Synonym Gene Names	MKLP2; RAB6KIFL; MKlp2
UniProt Entry Name	KI20A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kif20a-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328334>