

Rabbit KIF3A Polyclonal Antibody | anti-KIF3A antibody

Anti-KIF3A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262113	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

KIF3A; Polyclonal Antibody; Anti-KIF3A Antibody; KIF3; Kinesin-like protein KIF3A; Microtubule plus end-directed kinesin motor 3A; anti-KIF3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of KIF3A protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	699
Applicable Applications for anti-KIF3A antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human KIF3A
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



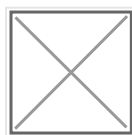
IF (Immunofluorescence)

Immunofluorescent analysis of KIF3A staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of KIF3A staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of KIF3A expression in SW480 (A), SKOV3 (B), mouse brain (C), mouse ovary (D), rat liver (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF3A antibody	Rabbit polyclonal antibody to KIF3A
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NCBI AND UNIPROT INFORMATION

NCBI GI #	663853723
NCBI GeneID	11127
NCBI Accession #	NP_001287720.1
NCBI GenBank Nucleotide #	NM_001300791.1
UniProt Accession #	Q9Y496; Q59EN1; Q86XE9; Q9Y6V4; A8MSW9
Molecular Weight	80,041 Da
NCBI Official Full Name	kinesin-like protein KIF3A isoform 1
NCBI Official Synonym Full Names	kinesin family member 3A
NCBI Official Symbol	KIF3A
NCBI Official Synonym Symbols	FLA10; KLP-20
NCBI Protein Information	kinesin-like protein KIF3A
UniProt Protein Name	Kinesin-like protein KIF3A
UniProt Gene Name	KIF3A
UniProt Synonym Gene Names	KIF3
UniProt Entry Name	KIF3A_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/kif3a-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262113>