

Rabbit anti-Human, Mouse KIF18A Polyclonal Antibody | anti-KIF18A antibody

KIF18A Antibody

CATALOG # AAA323110	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

KIF18A; Polyclonal Antibody; KIF18A Antibody; AU024633; B130001M12Rik; DKFZp434G2226; K18A_HUMAN; KIF 18A; kinesin family member 18A; Kinesin like protein KIF18A; Kinesin-like protein KIF18A; Marrow stromal KIF18A; MGC27627; MS KIF18A; MS-KIF18A; RGD1561740; RP23 206C1.1; anti-KIF18A antibody

PRODUCT SPECIFICATIONS

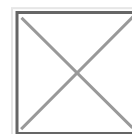
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KIF18A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	WB 1:500-1:2000, IHC 1:50-1:200. Important Note: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human KIF18A, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323110 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample 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.



WB (Western Blot)

Western blot analysis of lysates from COLO205 cells(heat-shock,45min treatment), using KIF18A Ab at 1/1000 dilution. 5ug/NC membrane strip. Exposure for 10s with Affinity™ ECL Kit. Bands result from membrane strip incubation.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF18A antibody	Function: Microtubule-depolymerizing kinesin which plays a role in chromosome congression by reducing the amplitude of preanaphase oscillations and slowing poleward movement during anaphase, thus suppressing chromosome movements. May stabilize the CENPE-BUB1B complex at the kinetochores during early mitosis and maintains CENPE levels at kinetochores during chromosome congression. Subunit Structure: Interacts with CENPE and ESR1. Post-translational Modifications: Glycosylated. Ubiquitinated. Similarity: Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Kinesin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148612831
NCBI GeneID	81930
NCBI Accession #	NP_112494.3
NCBI GenBank Nucleotide #	NM_031217.3
UniProt Accession #	Q8NI77; Q4VPE3; Q86VS5; Q9H0F3
Molecular Weight	90-120kD
NCBI Official Full Name	kinesin-like protein KIF18A
NCBI Official Synonym Full Names	kinesin family member 18A
NCBI Official Symbol	KIF18A
NCBI Official Synonym Symbols	PPP1R99; MS-KIF18A
NCBI Protein Information	kinesin-like protein KIF18A
UniProt Protein Name	Kinesin-like protein KIF18A
UniProt Gene Name	KIF18A
UniProt Synonym Gene Names	MS-KIF18A

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/kif18a-antibody-immunohistochemistry-western-blot-elisa/323110>