KIF18A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KIF18A, Polyclonal Antibody
Full Product Name	KIF18A (C-Term) Rabbit pAb
Product Gene Name	anti-KIF18A antibody
Product Synonym Names	Kinesin-like protein KIF18A; Marrow stromal KIF18A; MS-KIF18A; KIF18A
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB35789
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
3D Structure	ModBase 3D Structure for Q8NI77
Immunogen	This KIF18A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 644-673 amino acids from the C-terminal region of human KIF18A.
Cellular Localization	Cell Projection, Cytoplasm, Cytoskeleton, Microtubule, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KIF18A antibody	Western Blot (WB)
Application Notes for anti-KIF18A antibody	WB: 1:1000
Related Product Information for anti-KIF18A antibody	MBS8552648 is an antibody targeting KIF18A. Also known as KIF18A (C-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-KIF18A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KIF18A. It may not necessarily be applicable to this product.

NCBI GI #	148612831
NCBI GeneID	81930
NCBI Accession #	NP_112494.3
UniProt Primary Accession #	Q8NI77
UniProt Related Accession #	Q8NI77
GenBank Nucleotide #	NP_112494.3

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
UniProt Protein Name	Kinesin-like protein KIF18A
UniProt Synonym Protein Names	Marrow stromal KIF18A; MS-KIF18A
Protein Family	Kinesin-like protein
UniProt Gene Name	KIF18A
UniProt Synonym Gene Names	MS-KIF18A
NCBI Protein Information	kinesin-like protein KIF18A
NCBI Summary for KIF18A	KIF18A is a member of the kinesin superfamily of microtubule-associated molecular motors (see MIM 148760) that use hydrolysis of ATP to produce force and movement along microtubules (Luboshits and Benayahu, 2005 [PubMed 15878648]).[supplied by OMIM, Aug 2008]
UniProt Comments for KIF18A	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.
Research Articles on KIF18A	**1.** KIF18A expression is a predictive biomarker of drug resistance to endocrine therapy in breast cancer.
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