KIF20B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KIF20B, Polyclonal Antibody
Full Product Name	KIF20B Antibody, FITC conjugated
Product Gene Name	anti-KIF20B antibody
Product Synonym Names	Kinesin-like protein KIF20B; Cancer/testis antigen 90; CT90; Kinesin family member 20B; KIF20B
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: KIF20B (MBS7107455) FITC Conjugated Antibody: KIF20B (MBS7107457)
Molecular Weight	59,621 Da
OMIM	AB033337 mRNA
3D Structure	ModBase 3D Structure for Q96Q89
Immunogen	Recombinant Human Kinesin-like protein KIF20B protein (1607-1731AA)
Conjugation	FITC
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-KIF20B antibody	Cell Biology; Signal transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KIF20B antibody	ELISA (EIA)
Related Product Information for anti-KIF20B antibody	Plus-end-directed motor enzyme that is required for completion of cytokinesis (PubMed:11470801, PubMed:12740395). Required for proper midbody organization and abscission in polarized cortical stem cells. Plays a role in the regulation of neuronal polarization by mediating the transport of specific cargos. Participates in the mobilization of SHTN1 and in the accumulation of PIP3 in the growth cone of primary hippocampal neurons in a tubulin and actin-dependent manner. In the developing telencephalon, cooperates with SHTN1 to promote both the transition from the multipolar to the bipolar stage and the radial migration of cortical neurons from the ventricular zone toward the superficial layer of the neocortex. Involved in cerebral cortex growth (By similarity). Acts as an oncogene for promoting bladder cancer cells proliferation, apoptosis inhibition and carcinogenic progression (PubMed:17409436).
Other Notes	Small volumes of anti-KIF20B 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.

Searchable Terms for KIF20B purchase	MBS7107457 is an antibody targeting KIF20B. Also known as KIF20B Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KIF20B. It may not necessarily be applicable to this product.

NCBI GI #	546231677
NCBI GeneID	9585
NCBI Accession #	NP_001271188.1
UniProt Primary Accession #	Q96Q89
UniProt Secondary Accession #	O43277; Q09471; Q2KQ73; Q32NE1; Q561V3; Q58EX8; Q5T9M8; Q5T9M9; Q5T9N0; Q5T9N1; A8MXM7
UniProt Related Accession #	Q96Q89
GenBank Nucleotide #	NM_001284259.1
NCBI Official Full Name	kinesin-like protein KIF20B isoform 1
NCBI Official Synonym Full Names	kinesin family member 20B
NCBI Official Symbol	KIF20B
NCBI Official Synonym Symbols	CT90; MPP1; KRMP1; MPP-1; MPHOSPH1
UniProt Protein Name	Kinesin-like protein KIF20B
UniProt Synonym Protein Names	Cancer/testis antigen 90; CT90; Kinesin family member 20B
Protein Family	Kinesin-like protein
UniProt Gene Name	KIF20B
UniProt Synonym Gene Names	MPP1
NCBI Protein Information	kinesin-like protein KIF20B
UniProt Comments for KIF20B	Plus-end-directed motor enzyme that is required for completion of cytokinesis (PubMed:11470801, PubMed:12740395). Required for proper midbody organization and abscission in polarized cortical stem cells. Plays a role in the regulation of neuronal polarization by mediating the transport of specific cargos. Participates in the mobilization of SHTN1 and in the accumulation of PIP3 in the growth cone of primary hippocampal neurons in a tubulin and actin-dependent manner. In the developing telencephalon, cooperates with SHTN1 to promote both the transition from the multipolar to the bipolar stage and the radial migration of cortical neurons from the ventricular zone toward the superficial layer of the neocortex. Involved in cerebral cortex growth (). Acts as an oncogene for promoting bladder cancer cells proliferation, apoptosis inhibition and carcinogenic progression (PubMed:17409436).
Research Articles on KIF20B	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/kif20b/7107457