KIF6 Antibody (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	KIF6, Blocking Peptide
Full Product Name	KIF6 Antibody (N-term) Blocking Peptide
Product Gene Name	KIF6 blocking peptide
Product Synonym Gene Name	C6orf102
Product Synonym Names	Kinesin-like protein KIF6; KIF6; C6orf102
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	KIF6 peptide (MBS9228276) is used for blocking the activity of KIF6 antibody (MBS9205367)
Molecular Weight	19,809 Da
OMIM	613919
Cellular Location	Cytoplasm, cytoskeleton.
Related Product Information for KIF6 blocking peptide	MBS9228276 is a blocking peptide targeting KIF6. Also known as KIF6 Antibody (N-term) Blocking Peptide.
Other Notes	Small volumes of KIF6 blocking peptide 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 KIF6. It may not necessarily be applicable to this product.

NCBI GI #	146345445
NCBI GeneID	221458
NCBI Accession #	Q6ZMV9.3
UniProt Primary Accession #	Q6ZMV9
UniProt Secondary Accession #	Q2MDE3; Q2MDE4; Q5T8J6; Q6ZWE3; Q86T87; Q8WTV4
UniProt Related Accession #	Q6ZMV9
NCBI Official Full Name	Kinesin-like protein KIF6
NCBI Official Synonym Full Names	kinesin family member 6
NCBI Official Symbol	KIF6
NCBI Official Synonym Symbols	C6orf102; dJ137F1.4; dJ188D3.1; dJ1043E3.1
UniProt Protein Name	Kinesin-like protein KIF6
Protein Family	Kinesin-like protein
UniProt Gene Name	KIF6
UniProt Synonym Gene Names	C6orf102

UniProt Entry Name	KIF6_HUMAN
NCBI Protein Information	kinesin-like protein KIF6
UniProt Comments for KIF6	KIF6: Belongs to the kinesin-like protein family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Microtubule-binding; Motor Chromosomal Location of Human Ortholog: 6p21.2 Cellular Component: kinesin complex Molecular Function: ATPase activity; microtubule motor activity; protein binding Biological Process: microtubule-based movement
Research Articles on KIF6	**1.** KIF6 719Arg allele may increase the risk of T2DM and T2DM + CHD only in Han Chinese men by modulating lipid metabolism.
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