KLC3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KLC3, Polyclonal Antibody
Full Product Name	KLC3 Antibody
Product Gene Name	anti-KLC3 antibody
Product Synonym Names	Kinesin light chain 3 (KLC2-like)(kinesin light chain 2)
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of KLC3 at Human, Mouse,Rat
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	56,793 Da
OMIM	601334
3D Structure	ModBase 3D Structure for Q6P597
Immunogen	Synthesized peptide derived from human KLC3
Modification	Unmodified/Total
Product Categories/Family for anti-KLC3 antibody	Primary Antibodies
Applications Tested/Suitable for anti-KLC3 antibody	Western Blot (WB)
Application Notes for anti-KLC3 antibody	WB: 1:500-2000
Related Product Information for anti-KLC3 antibody	MBS9523998 is an antibody targeting KLC3. Also known as KLC3 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-KLC3 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 KLC3. It may not necessarily be applicable to this product.

NCBI GI #	91825557
NCBI GeneID	147700

NCBI Accession #	NP_803136.2
UniProt Primary Accession #	Q6P597
UniProt Secondary Accession #	Q6GMU2; Q8NAL1; Q8WWJ9; A0AVM3; A2RUT6
UniProt Related Accession #	Q6P597
GenBank Nucleotide #	NM_177417.2
NCBI Official Full Name	kinesin light chain 3
NCBI Official Synonym Full Names	kinesin light chain 3
NCBI Official Symbol	KLC3
NCBI Official Synonym Symbols	KLC2; KLCt; KLC2L; KNS2B
UniProt Protein Name	Kinesin light chain 3
UniProt Synonym Protein Names	KLC2-like; kinesin light chain 2
Protein Family	Kinesin
UniProt Gene Name	KLC3
UniProt Synonym Gene Names	KLC2; KLC2L
UniProt Entry Name	KLC3_HUMAN
NCBI Protein Information	kinesin light chain 3; kinesin light chain 2
NCBI Summary for KLC3	This gene encodes a member of the kinesin light chain gene family. Kinesins are molecular motors involved in the transport of cargo along microtubules, and are composed of two kinesin heavy chain (KHC) and two kinesin light chain (KLC) molecules. KLCs are thought to typically be involved in binding cargo and regulating kinesin activity. In the rat, a protein similar to this gene product is expressed in post-meiotic spermatids, where it associates with structural components of sperm tails and mitochondria. [provided by RefSeq, Jul 2008]
Research Articles on KLC3	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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