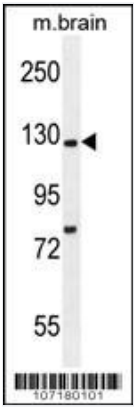
Kif5C-2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Kif5C-2, Polyclonal Antibody
Full Product Name	Kif5C-2 (KIF5C, KIAA0531, NKHC2, Kinesin heavy chain isoform 5C, Kinesin heavy chain neuron-specific 2) (Azide free) (HRP)
Product Gene Name	anti-Kif5C-2 antibody
Product Synonym Gene Name	KIF5C
Product Synonym Names	KIF5C; KIAA0531; NKHC2; Kinesin heavy chain isoform 5C; Kinesin heavy chain neuron-specific 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	109,495 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (149632792..149686924). Location: 2q23.1
OMIM	604593
3D Structure	ModBase 3D Structure for O60282
Immunogen	KIF5C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from human KIF5C.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-Kif5C-2 antibody	Antibodies; KIAA; orf
Applications Tested/Suitable for anti-Kif5C-2 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-Kif5C-2 antibody	IHC: 1:50-100 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-Kif5C-2 antibody	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport.
Product References and Citations for anti-Kif5C-2 antibody	Rose, J. Phd, et al. Mol. Med. (2010). In press: Wang, X., et al. Cell 136(1):163-174(2009). Schafer, B., et al. Cell. Mol. Life Sci. 66(2):339-349(2009). Schafer, B., et al. Biochem. Biophys. Res. Commun. 375(2):179-183(2008). Cho, K.I., et al. Traffic 8(12):1722-1735(2007).

Other Notes	Small volumes of anti-Kif5C-2 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 Kif5C-2 purchase	MBS6313318 is an antibody targeting Kif5C-2. Also known as Kif5C-2 (KIF5C, KIAA0531, NKHC2, Kinesin heavy chain isoform 5C, Kinesin heavy chain neuron-specific 2) (Azide free) (HRP). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-Kif5C-2 antibody
Kif5C-2 Antibody western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the Kif5C-2 antibody detected the Kif5C-2 protein (arrow).



Immunohistochemistry (IHC) of anti-Kif5C-2 antibody
Kif5C-2 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Kif5C-2 Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Kif5C-2. It may not necessarily be applicable to this product.

NCBI GI #	4758650
NCBI GeneID	3800
NCBI Accession #	NP_004513.1
UniProt Primary Accession #	O60282
UniProt Secondary Accession #	O95079; Q2YDC5
UniProt Related Accession #	O60282
GenBank Nucleotide #	NM_004522.2
NCBI Official Full Name	kinesin heavy chain isoform 5C
NCBI Official Synonym Full Names	kinesin family member 5C
NCBI Official Symbol	KIF5C
NCBI Official Synonym Symbols	KINN; NKHC; NKHC2; CDCBM2; NKHC-2
UniProt Protein Name	Kinesin heavy chain isoform 5C
UniProt Synonym Protein Names	Kinesin heavy chain neuron-specific 2
UniProt Gene Name	KIF5C
UniProt Synonym Gene Names	KIAA0531; NKHC2
UniProt Entry Name	KIF5C_HUMAN
NCBI Protein Information	kinesin heavy chain isoform 5C; kinesin heavy chain neuron-specific 2; kinesin, heavy chain, neuron-specific

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