

KIF5C Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14507b**Specification**

KIF5C Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O60282](#)**KIF5C Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 3800**Other Names**

Kinesin heavy chain isoform 5C, Kinesin heavy chain neuron-specific 2, KIF5C, KIAA0531, NKHC2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KIF5C Antibody (C-term) Blocking Peptide - Protein Information**Name** KIF5C**Synonyms** KIAA0531, NKHC2**Function**

Microtubule-associated force-producing protein that may play a role in organelle transport. Has ATPase activity (By similarity). Involved in synaptic transmission (PubMed:24812067). Mediates dendritic trafficking of mRNAs (By similarity). Required for anterograde axonal transportation of MAPK8IP3/JIP3 which is essential for MAPK8IP3/JIP3 function in axon elongation (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, dendrite. Note=Abundant in distal regions of dendrites.

Tissue Location

Highest expression in brain, prostate and testis, and moderate expression in kidney, small intestine and ovary

KIF5C Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

KIF5C Antibody (C-term) Blocking Peptide - Images

KIF5C Antibody (C-term) Blocking Peptide - Background

Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport.

KIF5C Antibody (C-term) Blocking Peptide - References

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)