

KIF3A Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18871b**Specification**

KIF3A Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9Y496](#)

KIF3A Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 11127

Other Names

Kinesin-like protein KIF3A, Microtubule plus end-directed kinesin motor 3A, KIF3A, KIF3

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.

KIF3A Antibody (C-term) Blocking Peptide - Protein Information

Name KIF3A

Synonyms KIF3

Function

Microtubule-based anterograde translocator for membranous organelles. Plus end-directed microtubule sliding activity in vitro. Plays a role in primary cilia formation. Plays a role in centriole cohesion and subdistal appendage organization and function. Regulates the formation of the subdistal appendage via recruitment of DCTN1 to the centriole. Also required for ciliary basal feet formation and microtubule anchoring to mother centriole.

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, cilium {ECO:0000250|UniProtKB:P28741}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=Localizes to the subdistal appendage region of the centriole.

KIF3A Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KIF3A Antibody (C-term) Blocking Peptide - Images

KIF3A Antibody (C-term) Blocking Peptide - Background

Microtubule-based anterograde translocator for membranous organelles. Plus end-directed microtubule sliding activity in vitro.

KIF3A Antibody (C-term) Blocking Peptide - References

Ridruechai, C., et al. Genes Immun. 11(5):416-422(2010)Hirokawa, N., et al. Cold Spring Harb Perspect Biol 1 (1), A000802 (2009) :Sathish, N., et al. PLoS Pathog. 5 (3), E1000332 (2009) :Tanuma, N., et al. Oncogene 28(5):752-761(2009)Schonteich, E., et al. J. Cell. Sci. 121 (PT 22), 3824-3833 (2008) :