

HOOK2 Blocking Peptide (N-term)

Synthetic peptide

Catalog # BP21495a

Specification

HOOK2 Blocking Peptide (N-term) - Product Information

Primary Accession

[Q96ED9](#)**HOOK2 Blocking Peptide (N-term) - Additional Information**

Gene ID 29911

Other Names

Protein Hook homolog 2, h-hook2, hHK2, HOOK2

Target/Specificity

The synthetic peptide sequence is selected from aa 162-177 of HUMAN HOOK2

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.

HOOK2 Blocking Peptide (N-term) - Protein Information

Name HOOK2

Function

Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex). Contributes to the establishment and maintenance of centrosome function. May function in the positioning or formation of aggresomes, which are pericentriolar accumulations of misfolded proteins, proteasomes and chaperones. FHF complex promotes the distribution of AP-4 complex to the perinuclear area of the cell (PubMed:32073997).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q7TMK6}. Golgi apparatus, trans-Golgi network. Note=Colocalizes with aggresomes, which are aggregates of misfolded proteins, at the centrosome (PubMed:17540036). Also localizes to punctate cytoplasmic foci which do not appear to overlap with early or late endosomes, the endoplasmic reticulum, multivesicular bodies (MVBs), lysosome, or mitochondria (PubMed:17540036, PubMed:32073997). Often found in close

association with microtubules (PubMed:17540036). Localizes to the manchette in elongating spermatids (By similarity). {ECO:0000250|UniProtKB:Q7TMK6, ECO:0000269|PubMed:17540036, ECO:0000269|PubMed:32073997}

HOOK2 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

HOOK2 Blocking Peptide (N-term) - Images

HOOK2 Blocking Peptide (N-term) - Background

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HOOK2 Blocking Peptide (N-term) - References

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Walenta J.H.,et al.J. Cell Biol. 152:923-934(2001).
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