

HOOK2 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13716**Specification**

HOOK2 Antibody - middle region - Product Information

Application	WB
Primary Accession	O96ED9
Reactivity	Human
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79kDa KDa

HOOK2 Antibody - middle region - Additional Information**Gene ID** 29911

Alias Symbol	HOOK2,
Other Names	
Protein Hook homolog 2, h-hook2, hHK2, HOOK2	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-HOOK2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

HOOK2 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

HOOK2 Antibody - middle region - 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

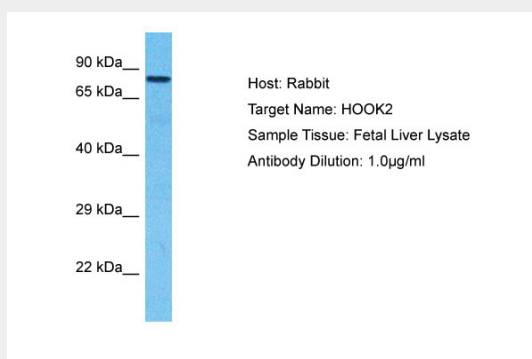
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q7TMK6}. Golgi apparatus, trans-Golgi network. Note=Colocalizes with aggresomes, which are aggregates of misfolded proteins, at the centrosome (PubMed:17540036). Also localizes 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 Antibody - middle region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HOOK2 Antibody - middle region - Images



Host: Rabbit
Target Name: HOOK2
Sample Tissue: Fetal Liver lysates
Antibody Dilution: 1.0µg/ml

HOOK2 Antibody - middle region - References

Kraemer H., et al. Genetics 151:675-684(1999).
Grimwood J., et al. Nature 428:529-535(2004).
Walenta J.H., et al. J. Cell Biol. 152:923-934(2001).
Szebenyi G., et al. BMC Cell Biol. 8:19-19(2007).
Szebenyi G., et al. Traffic 8:32-46(2007).