

HOOK1 rabbit monoclonal antibody

Catalog # H00051361-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HOOK1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HOOK1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HOOK1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HOOK1

Entrez GeneID	51361
GeneBank Accession#	HOOK1
Gene Name	HOOK1
Gene Alias	HK1, MGC10642
Gene Description	hook homolog 1 (Drosophila)
Omim ID	607820
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the hook family of coiled-coil proteins, which bind to microtubule s and organelles through their N- and C-terminal domains, respectively. The encoded protein local izes to discrete punctuate subcellular structures, and interacts with several members of the Rab G TPase family involved in endocytosis. It is thought to link endocytic membrane trafficking to the mi crotubule cytoskeleton. Several alternatively spliced transcript variants have been identified, but th e full-length nature of some of these variants has not been determined. [provided by RefSeq
Other Designations	OTTHUMP00000010548 hook homolog 1

Disease

- [Tobacco Use Disorder](#)