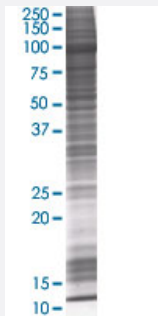


HOOK1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051361-T01

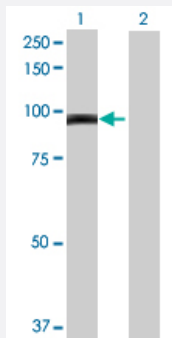
Size 100 uL

Applications



SDS-PAGE Gel

HOOK1 transfected lysate.



Western Blot

Lane 1: HOOK1 transfected lysate (80.19 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HOOK1 full-length
Host	Human
Theoretical MW (kDa)	80.19
Interspecies Antigen Sequence	Mouse (92); Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HOOK1 antibody ([H00051361-B01](#)) by Western Blots.
SDS-PAGE Gel
HOOK1 transfected lysate.
Western Blot
Lane 1: HOOK1 transfected lysate (80.19 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — HOOK1

Entrez GeneID[51361](#)**GeneBank Accession#**[NM_015888.4](#)**Protein Accession#**[NP_056972.1](#)**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 microtubules and organelles through their N- and C-terminal domains, respectively. The encoded protein localizes to discrete punctuate subcellular structures, and interacts with several members of the Rab GTPase family involved in endocytosis. It is thought to link endocytic membrane trafficking to the microtubule cytoskeleton. Several alternatively spliced transcript variants have been identified, but the 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](#)