

Rabbit anti-Human HOOK1 Polyclonal Antibody | anti-HOOK1 antibody

Rabbit anti-HOOK1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212993	Rabbit	Human	Immunoprecipitation, Western Blot

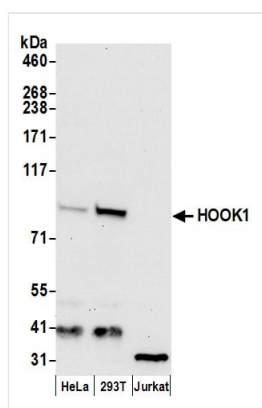
PRODUCT SYNONYMS

HOOK1; Polyclonal Antibody; Rabbit anti-HOOK1 Antibody; Affinity Purified; protein Hook homolog 1; hook homolog 1; hHK1; h-hook1; HK1; Protein Hook homolog 1; hook microtubule tethering protein 1; anti-HOOK1 antibody

PRODUCT SPECIFICATIONS

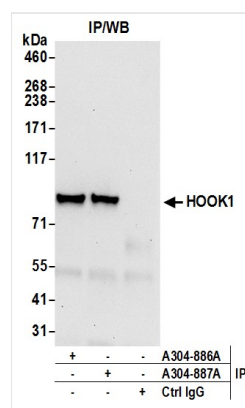
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HOOK1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 678 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human HOOK1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HOOK1 antibody AAA212993 (lot AAA212993-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human HOOK1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HOOK1 antibody AAA212993 (lot AAA212993-1) used for IP at 6 ug per reaction. HOOK1 was also immunoprecipitated by rabbit anti-HOOK1 antibody For blotting immunoprecipitated HOOK1, AAA212993 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HOOK1 antibody	HOOK1 is required for spermatid differentiation. It is probably involved in the positioning of the microtubules of the manchette and the flagellum in relation to the membrane skeleton (By similarity). It is a 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) [taken from NCBI Entrez Gene (Gene ID: 51361)]. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9UJC3].
Product Categories/Family for anti-HOOK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705415
NCBI GeneID	51361
NCBI Accession #	NP_056972.1
NCBI GenBank Nucleotide #	NM_015888.4
UniProt Accession #	Q9UJC3; O60561; Q5TG44; A8K8E9
Molecular Weight	84,648 Da
NCBI Official Full Name	protein Hook homolog 1
NCBI Official Synonym Full Names	hook microtubule-tethering protein 1
NCBI Official Symbol	HOOK1
NCBI Official Synonym Symbols	HK1
NCBI Protein Information	protein Hook homolog 1; hHK1; h-hook1; hook homolog 1
UniProt Protein Name	Protein Hook homolog 1
UniProt Gene Name	HOOK1
UniProt Synonym Gene Names	h-hook1; hHK1
UniProt Entry Name	HOOK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hook1-antibody-immunoprecipitation-western-blot-elisa/212993>