

Rabbit anti-Human PIH1D1 Polyclonal Antibody | anti-PIH1D1 antibody

PIH1D1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229107	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

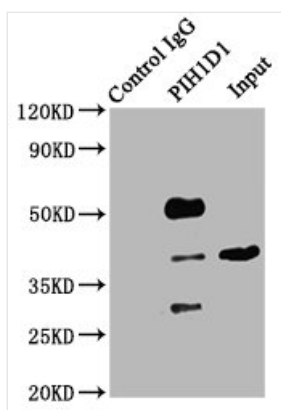
PRODUCT SYNONYMS

PIH1D1; Polyclonal Antibody; PIH1D1 Antibody; PIH1 domain-containing protein 1; NOP17; Nucleolar protein 17 homolog; anti-PIH1D1 antibody

PRODUCT SPECIFICATIONS

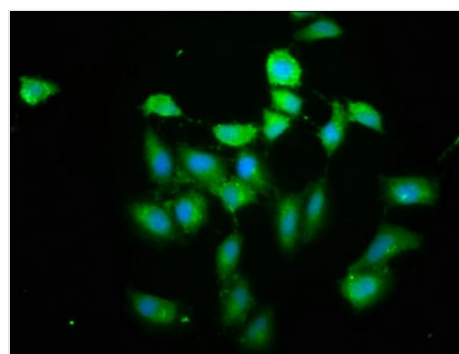
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	290
Applicable Applications for anti-PIH1D1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human PIH1 domain-containing protein 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-168777 / sc-168778
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



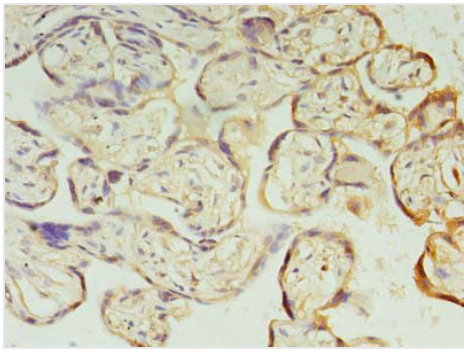
IP (Immunoprecipitation)

Immunoprecipitating PIH1D1 in HeLa whole cell lysate Lane 1: Rabbit control IgG (1ug) instead of AAA229107 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: AAA229107 (6ug)+ HeLa whole cell lysate (500ug) Lane 3: HeLa whole cell lysate (10ug)



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA229107 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA229107 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PIH1D1 antibody

Involved in the assembly of C/D box small nucleolar ribonucleoprotein (snoRNP) particles (PubMed:17636026). Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription (PubMed:22368283, PubMed:24036451). Mediates interaction of TELO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1 (PubMed:20864032). Positively regulates the assembly and activity of the mTORC1 complex (PubMed:24036451).

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923598
NCBI GeneID	55011
NCBI Accession #	NP_060386.1
NCBI GenBank Nucleotide #	NM_017916.2
UniProt Accession #	Q9NWS0; Q9BVL0; B4DGN7; B4E2X7
Molecular Weight	21,376 Da
NCBI Official Full Name	PIH1 domain-containing protein 1
NCBI Official Synonym Full Names	PIH1 domain containing 1
NCBI Official Symbol	PIH1D1
NCBI Official Synonym Symbols	NOP17
NCBI Protein Information	PIH1 domain-containing protein 1
UniProt Protein Name	PIH1 domain-containing protein 1
UniProt Gene Name	PIH1D1
UniProt Synonym Gene Names	NOP17
UniProt Entry Name	PIHD1_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/pih1d1-antibody-immunohistochemistry-western-blot-elisa/229107>