

Rabbit anti-Human HD-PTP Polyclonal Antibody | anti-HD-PTP antibody

Rabbit anti-HD-PTP Antibody, Affinity Purified

CATALOG # AAA212789	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

HD-PTP; Polyclonal Antibody; Rabbit anti-HD-PTP Antibody; Affinity Purified; PTP-TD14; tyrosine-protein phosphatase non-receptor type 23; HDPTP; protein tyrosine phosphatase TD14; his domain-containing protein tyrosine phosphatase; Tyrosine-protein phosphatase non-receptor type 23; protein tyrosine phosphatase; non-receptor type 23; anti-HD-PTP 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-HD-PTP antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 1586 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 HD-PTP by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HD-PTP antibody AAA212789 (lot AAA212789-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human HD-PTP by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HD-PTP antibody AAA212789 (lot AAA212789-1) used for IP at 6 ug per reaction. HD-PTP was also immunoprecipitated by rabbit anti-HD-PTP antibody BL17378. For blotting immunoprecipitated HD-PTP, AAA212789 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-HD-PTP antibody

His domain-containing protein tyrosine phosphatase (HD-PTP) plays a role in sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs) via its interaction with the ESCRT-I complex (endosomal sorting complex required for transport I), and possibly also other ESCRT complexes. HD-PTP may act as a negative regulator of Ras-mediated mitogenic activity. This protein plays a role in ciliogenesis [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9H3S7].

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308073
NCBI GeneID	25930
NCBI Accession #	NP_056281.1
NCBI GenBank Nucleotide #	NM_015466.2
UniProt Accession #	Q9H3S7; Q7KZF8; Q8N6Z5; Q9BSR5; Q9P257; Q9UG03; Q9UMZ4; A8K0D7
Molecular Weight	178,974 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 23
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 23
NCBI Official Symbol	PTPN23
NCBI Official Synonym Symbols	HDPTP; HD-PTP; PTP-TD14
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 23; protein tyrosine phosphatase TD14; His-domain protein tyrosine phosphatase; his domain-containing protein tyrosine phosphatase
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 23
UniProt Gene Name	PTPN23
UniProt Synonym Gene Names	KIAA1471; HD-PTP; PTP-TD14
UniProt Entry Name	PTN23_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://stage.aaabiotech.com/polyclonal/hd-ntp-antibody-immunoprecipitation-western-blot-elisa/212789>