

Rabbit anti-Human PTPN12 Polyclonal Antibody | anti-PTPN12 antibody

Rabbit anti-PTPN12 Antibody, Affinity Purified

CATALOG # AAA211404	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

PTPN12; Polyclonal Antibody; Rabbit anti-PTPN12 Antibody; Affinity Purified; PTP-PEST; PTPG1; protein-tyrosine phosphatase G1; tyrosine-protein phosphatase non-receptor type 12; Tyrosine-protein phosphatase non-receptor type 12; protein tyrosine phosphatase; non-receptor type 12; anti-PTPN12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PTPN12 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 400 and 450
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 PTPN12 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PTPN12 antibody AAA211404 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PTPN12 by western blot of immunoprecipitation. Samples: Whole cell lysate (0.5 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PTPN12 antibody AAA211404 used for IP at 3 ug/mg lysate. PTPN12 was also immunoprecipitated by rabbit anti-PTPN12 recombinant monoclonal antibody [BL-5-2F8] . For blotting immunoprecipitated PTPN12, was used at 1:1000. Detection: Chemiluminescence with an exposure time time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPN12 antibody	PTPN12 is a cytosolic protein tyrosine phosphatase (PTP) that contains a C-terminal PEST motif and plays an important role in cytoskeletal organization, immune cell activation, apoptosis, and embryonic development. PTPN12 appears to contribute to these cellular processes through its interaction with a variety of signaling and cytoskeletal-associated proteins. The recent discovery that PTPN12 is modulated by caspase-3 cleavage has led to the analysis of the role of PTPN12 and other PTPs as regulators of apoptosis.
Product Categories/Family for anti-PTPN12 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5782
UniProt Accession #	Q05209
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 12
UniProt Gene Name	PTPN12
UniProt Synonym Gene Names	PTPG1
UniProt Entry Name	PTN12_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/ptpn12-antibody-immunoprecipitation-western-blot-elisa/211404>