

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

Rabbit anti-PTPN12 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211407	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

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, Mouse
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	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 730 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 and mouse PTPN12 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PTPN12 antibody AAA211407 used at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human and mouse PTPN12 by western blot of immunoprecipitation. Samples: Whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded) cells. Antibodies: Affinity purified rabbit anti-PTPN12 antibody AAA211407 used for at 3 ug/mg lysate. PTPN12 was also immunoprecipitated by rabbit anti-PTPN12 antibodies



IHC (Immunohistochemistry)

Detection of human PTPN12 by immunohistochemistry. Sample: FFPE section of human stomach carcinoma (left) and colon carcinoma (right). Antibody: Affinity purified rabbit anti-PTPN12 (Cat. No. AAA211407 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptpn12-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211407>