

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

PTPN12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234101	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

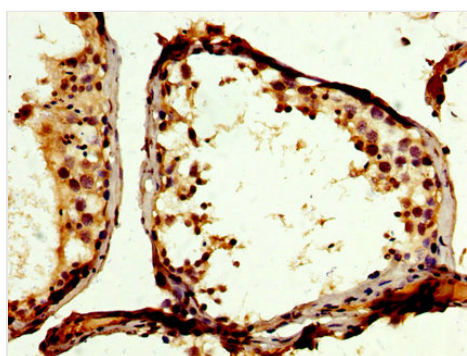
PRODUCT SYNONYMS

PTPN12; Polyclonal Antibody; PTPN12 Antibody; Tyrosine-protein phosphatase non-receptor type 12; PTP-PEST1; anti-PTPN12 antibody

PRODUCT SPECIFICATIONS

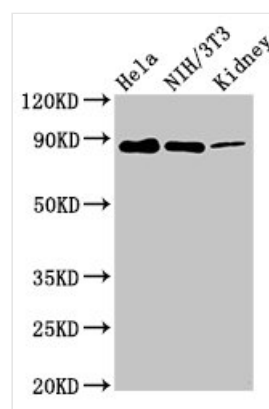
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	661
Applicable Applications for anti-PTPN12 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Tyrosine-protein phosphatase non-receptor type 12 protein (539-714AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234101 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, NIH/3T3 whole cell lysate, Rat kidney tissue. All lanes: PTPN12 antibody at 7.4ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 89, 73, 75 kDa. Observed band size: 89 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPN12 antibody	Dephosphorylates a range of proteins, and thereby regulates cellular signaling cascades (PubMed:18559503). Dephosphorylates cellular tyrosine kinases, such as ERBB2 and PTK2B/PYK2, and thereby regulates signaling via ERBB2 and PTK2B/PYK2 (PubMed:17329398, PubMed:27134172). Selectively dephosphorylates ERBB2 phosphorylated at 'Tyr-1112', 'Tyr-1196', and/or 'Tyr-1248' (PubMed:27134172).
Product Categories/Family for anti-PTPN12 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	196114967
NCBI GeneID	5782
NCBI Accession #	NP_001124480.1
NCBI GenBank Nucleotide #	NM_001131008.1
UniProt Accession #	Q05209; Q16130; Q59FD6; Q75MN8; Q86XU4; A4D1C5; B4DKY2; E9PBR5; E9PEH9
Molecular Weight	74,138 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 12 isoform 2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 12
NCBI Official Symbol	PTPN12
NCBI Official Synonym Symbols	PTPG1; PTP-PEST
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 12
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 12
UniProt Gene Name	PTPN12
UniProt Synonym Gene Names	PTPG1

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/ptpn12-antibody-immunohistochemistry-western-blot-elisa/234101>