

Rabbit anti-Human, Pig Protein Tyrosine Phosphatase Polyclonal Antibody | anti-PTPN12 antibody

Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 12 (PTPN12)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145675	Rabbit	Human, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Protein Tyrosine Phosphatase; Polyclonal Antibody; Polyclonal Antibody to Protein Tyrosine Phosphatase; Non Receptor Type 12 (PTPN12); PTP-PEST; PTPG1; Protein-tyrosine phosphatase G1; anti-PTPN12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PTPN12. It has been selected for its ability to recognize PTPN12 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	229
Applicable Applications for anti-PTPN12 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PTPN12 (Met1~Leu293)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant PTPN12 (Met1~Leu293) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

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.