Rabbit Protein Tyrosine Phosphatase Type IVA 2 Polyclonal Antibody | anti-PTP4A2 antibody

Polyclonal Antibody to Protein Tyrosine Phosphatase Type IVA 2 (PTP4A2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145859	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Protein Tyrosine Phosphatase Type IVA 2; Polyclonal Antibody; Polyclonal Antibody to Protein Tyrosine Phosphatase Type IVA 2 (PTP4A2); HH13; HH7-2; HU-PP-1; OV-1; PRL-2; PRL2; PTP4A; PTPCAAX2; ptp-IV1a; ptp-IV1b; Protein-tyrosine phosphatase of regenerating liver 2; Protein-tyrosine phosphatase 4a2; anti-PTP4A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PTP4A2. It has been selected for its ability to recognize PTP4A2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	136
Applicable Applications for anti-PTP4A2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PTP4A2 (Met1~Gln167)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant PTP4A2 (Met1~Gln167) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (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%, NaN3 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 (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded liver tissue

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	304361762
NCBI GeneID	8073
NCBI Accession #	NP_001182029.1
NCBI GenBank Nucleotide #	NM_001195100.1
UniProt Accession #	Q12974; O00649; Q15197; Q15259; Q15260; Q15261; A8K9I8; B4DM39; D3DPP0; E9PGJ6; R4GN50
Molecular Weight	16,367 Da
NCBI Official Full Name	protein tyrosine phosphatase type IVA 2 isoform 3
NCBI Official Synonym Full Names	protein tyrosine phosphatase type IVA, member 2
NCBI Official Symbol	PTP4A2
NCBI Official Synonym Symbols	HH13; OV-1; PRL2; HH7-2; PRL-2; PTP4A; HU-PP-1; PTPCAAX2; ptp-IV1a; ptp-IV1b
NCBI Protein Information	protein tyrosine phosphatase type IVA 2
UniProt Protein Name	Protein tyrosine phosphatase type IVA 2
UniProt Gene Name	**PTP4A2**
UniProt Synonym Gene Names	PRL2; PTPCAAX2; PRL-2

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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