

Rabbit PTPalpha Polyclonal Antibody | anti-PTPRA antibody

Phospho-PTPalpha (Tyr798/789) Antibody

CATALOG # AAA321376	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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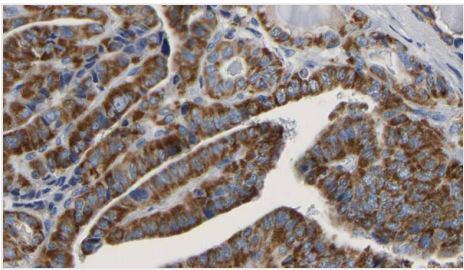
PRODUCT SYNONYMS

PTPalpha; Polyclonal Antibody; Phospho-PTPalpha (Tyr798/789) Antibody; HEPTP; HLPR; HPTP alpha; HPTPA; HPTPalpha; Leukocyte common antigen related peptide; LRP; Protein tyrosine phosphatase alpha; Protein tyrosine phosphatase receptor type A; Protein tyrosine phosphatase receptor type alpha polypeptide; Protein tyrosine phosphate; Protein-tyrosine phosphatase alpha; PTPA; PTPase alpha; PTPLCA related phosphatase; Ptpa; PTPRA_HUMAN; PTPRL 2; PTPRL2; PTRR; R PTP alpha; R-PTP-alpha; Receptor type tyrosine protein phosphatase alpha; Receptor-type tyrosine-protein phosphatase alpha; RPTPA; Tyrosine phosphatase alpha; anti-PTPRA antibody

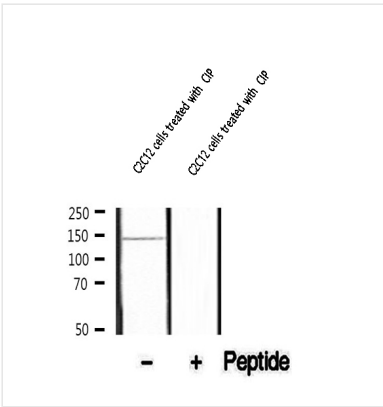
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-PTPalpha (Tyr798/789) antibody detects endogenous levels of PTPalpha.
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	802
Applicable Applications for anti-PTPRA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PTPalpha around the phosphorylation site of Tyr798/789.
Subcellular Location	Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Epitope	Phospho Tyr798, Phospho Tyr789
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA321376 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of C2C12 cells treated with CIP, using Phospho-PTPalpha (Tyr798/789) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRA antibody	Function: Protein tyrosine phosphate + H2O = protein tyrosine + phosphate. Similarity: Belongs to the protein-tyrosine phosphatase family. Receptor class 4 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506303
NCBI GeneID	5786
NCBI Accession #	NP_002827.1
NCBI GenBank Nucleotide #	NM_002836.3
UniProt Accession #	P18433; Q14513; Q7Z2I2; Q96TD9; A8K2G8; D3DVX5
Molecular Weight	Observed: 145 kDa Predicted: 91 kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase alpha isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type A
NCBI Official Symbol	PTPRA
NCBI Official Synonym Symbols	LRP; HLPR; PTPA; HEPTP; HPTPA; RPTPA; PTPRL2; HPTPalpha; R-PTP-alpha
NCBI Protein Information	receptor-type tyrosine-protein phosphatase alpha
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase alpha
UniProt Gene Name	PTPRA
UniProt Synonym Gene Names	PTPA; PTPRL2; Protein-tyrosine phosphatase alpha; R-PTP-alpha

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.