

Rabbit PTPRO Antibody | anti-PTPRO antibody

PTPRO

CATALOG # AAA280175	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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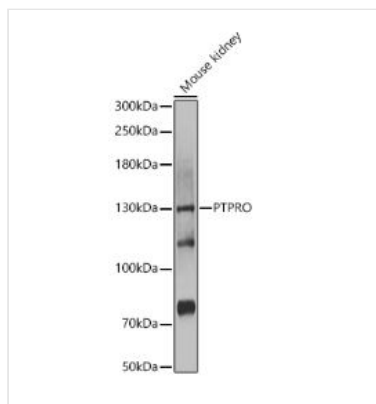
PRODUCT SYNONYMS

PTPRO; NPHS6; PTPU2; GLEPP1; PTP-OC; PTP-U2; PTPROT; R-PTP-O; anti-PTPRO antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-PTPRO antibody	ELISA, WB (Western Blot)
Cross-Reactivity	Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-300 of human PTPRO (NP_109592.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Mouse kidney, using PTPRO antibody (AAA280175) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRO antibody	This gene encodes a member of the R3 subtype family of receptor-type protein tyrosine phosphatases. These proteins are localized to the apical surface of polarized cells and may have tissue-specific functions through activation of Src family kinases. This gene contains two distinct promoters, and alternatively spliced transcript variants encoding multiple isoforms have been observed. The encoded proteins may have multiple isoform-specific and tissue-specific functions, including the regulation of osteoclast production and activity, inhibition of cell proliferation and facilitation of apoptosis. This gene is a candidate tumor suppressor, and decreased expression of this gene has been observed in several types of cancer.
Product Categories/Family for anti-PTPRO antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	209572663
NCBI GeneID	5800
UniProt Accession #	Q16827; Q13101; Q8IYG3; Q9UBF0; Q9UBT5; A0AV39
Molecular Weight	Observed MW: 138kDa Calculated MW: 138kDa
NCBI Official Full Name	Receptor-type tyrosine-protein phosphatase O
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, O
NCBI Official Symbol	PTPRO
NCBI Official Synonym Symbols	NPHS6; PTPU2; GLEPP1; PTP-OC; PTP-U2; PTPROT; R-PTP-O
NCBI Protein Information	receptor-type tyrosine-protein phosphatase O; PTP phi; PTPase U2; phosphotyrosine phosphatase U2; glomerular epithelial protein 1; protein tyrosine phosphatase PTP-U2; osteoclastic transmembrane protein-tyrosine phosphatase
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase O
UniProt Gene Name	PTPRO
UniProt Synonym Gene Names	GLEPP1; PTPU2; R-PTP-O; PTP-U2; PTPase U2
UniProt Entry Name	PTPRO_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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-antibody/ptpro/280175>