

# PTPRO rabbit monoclonal antibody

Catalog # H00005800-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PTPRO peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PTPRO is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PTPRO peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — PTPRO

Entrez GeneID	<a href="#">5800</a>
GeneBank Accession#	<a href="#">PTPRO</a>
Gene Name	PTPRO
Gene Alias	GLEPP1, PTP-U2, PTPU2
Gene Description	protein tyrosine phosphatase, receptor type, O
Omim ID	<a href="#">600579</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a receptor-type protein tyrosine phosphatase containing a single intracellular catalytic domain with a characteristic signature motif. The gene product, which has a transmembrane domain, is an integral membrane protein. Several alternatively spliced transcript variants, some of which encode different isoforms of the protein, have been described. These variants exhibit tissue-specific expression. [provided by RefSeq]
Other Designations	PTPRO PTPase U2 glomerular epithelial protein-1 phosphotyrosine phosphatase U2 protein tyrosine phosphatase PTP-U2 receptor-type protein tyrosine phosphatase O

## Disease

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