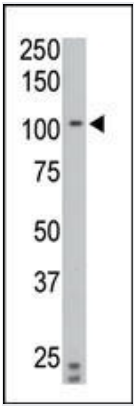
PTPIA2 Beta (PTPRN2) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PTPIA2 beta (PTPRN2), Polyclonal Antibody
Full Product Name	PTPIA2 beta, NT (Receptor-type Tyrosine-protein Phosphatase N2, R-PTP-N2, Islet Cell Autoantigen-related Protein, IAR, ICAAR, Phogrin, PTPRN2, KIAA0387) (Azide free) (HRP)
Product Gene Name	anti-PTPRN2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human PTPIA2beta.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	109,622 Da
OMIM	601698
3D Structure	ModBase 3D Structure for Q92932
Immunogen	Synthetic peptide selected from the N-terminal region of human PTPIA2beta (KLH).
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-PTPRN2 antibody	Antibodies; Enzymes; Phosphatase
Applications Tested/Suitable for anti-PTPRN2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PTPRN2 antibody	WB: 1:100-1:500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PTPRN2 antibody	MBS6495811 is an antibody targeting PTPRN2. Also known as PTPIA2 beta, NT (Receptor-type Tyrosine-protein Phosphatase N2, R-PTP-N2, Islet Cell Autoantigen-related Protein, IAR, ICAAR, Phogrin, PTPRN2, KIAA0387) (Azide free) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-PTPRN2 antibody	1. Schmidli, R.S., et al., Autoimmunity 28(1):15-23 (1998). 2. Li, Q., et al., Proc. Assoc. Am. Physicians 109(4):429-439 (1997). 3. Cui, L., et al., J. Biol. Chem. 271(40):24817-24823 (1996). 4. Kawasaki, E., et al., Biochem. Biophys. Res. Commun. 227(2):440-447 (1996). 5. Smith, P.D., et al., Biochem. Biophys. Res. Commun. 229(2):402-411 (1996).
Other Notes	Small volumes of anti-PTPRN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PTPRN2 antibody
The anti-PTPIA2 beta N-term Pab is used in Western blot to detect PTPIA2 beta in C6 cell lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PTPRN2. It may not necessarily be applicable to this product.

NCBI GI #	194097440
NCBI GeneID	5799
NCBI Accession #	NP_002838.2
UniProt Primary Accession #	Q92932
UniProt Secondary Accession #	Q8N4I5; Q92662; Q9Y4F8; Q9Y4I6; E9PC57
UniProt Related Accession #	Q92932
GenBank Nucleotide #	NM_002847.3
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase N2 isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, N polypeptide 2
NCBI Official Symbol	PTPRN2
NCBI Official Synonym Symbols	IAR; ICAAR; PTPRP; IA-2beta; R-PTP-N2
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase N2
UniProt Synonym Protein Names	Islet cell autoantigen-related protein; IAR; ICAAR; Phogrin
Protein Family	Receptor-type tyrosine-protein phosphatase
UniProt Gene Name	PTPRN2
UniProt Synonym Gene Names	KIAA0387; R-PTP-N2; IAR; ICAAR
UniProt Entry Name	PTPR2_HUMAN
NCBI Protein Information	receptor-type tyrosine-protein phosphatase N2; phogrin; tyrosine phosphatase IA-2 beta; islet cell autoantigen-related protein; protein tyrosine phosphatase receptor pi; IAR/receptor-like protein-tyrosine phosphatase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ptpia2-beta/6495811