

Rabbit PTPRN2 Polyclonal Antibody | anti-PTPRN2 antibody

PTPRN2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312893	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PTPRN2; Polyclonal Antibody; PTPRN2 Polyclonal Antibody; IA-2beta; IAR; ICAAR; PTPRP; R-PTP-N2; anti-PTPRN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 88% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.41
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PTPRN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PTPRN2 (NP_570858.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



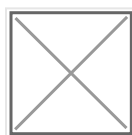
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse pancreas using PTPRN2 antibody at dilution of 1:100 .



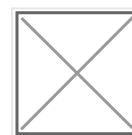
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using PTPRN2 antibody at dilution of 1:100 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using PTPRN2 antibody at dilution of 1:100 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human mammary cancer using PTPRN2 antibody at dilution of 1:100 .



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PTPRN2 antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRN2 antibody	This gene encodes a protein with sequence similarity to receptor-like protein tyrosine phosphatases. However, tyrosine phosphatase activity has not been experimentally validated for this protein. Studies of the rat ortholog suggest that the encoded protein may instead function as a phosphatidylinositol phosphatase with the ability to dephosphorylate phosphatidylinositol 3-phosphate and phosphatidylinositol 4, 5-diphosphate, and this function may be involved in the regulation of insulin secretion. This protein has been identified as an autoantigen in insulin-dependent diabetes mellitus. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PTPRN2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5799
UniProt Accession #	Q92932
Molecular Weight	MW: 108kDa, 109kDa, 111kDa, 114kDa SDS PAGE MW: 111kDa
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase N2
UniProt Gene Name	PTPRN2
UniProt Synonym Gene Names	KIAA0387; R-PTP-N2; IAR; ICAAR
UniProt Entry Name	PTPR2_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/polyclonal/ptprn2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312893>