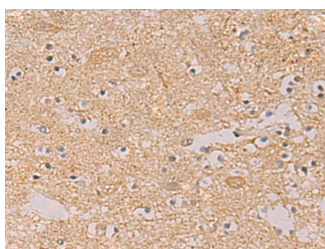


## PTPRN Polyclonal Antibody

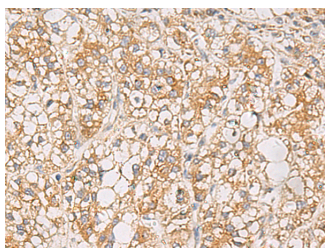
<b>Catalog No.</b>	E-AB-52202	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Immunohistochemistry of paraffin-embedded Human brain tissue using PTPRN Polyclonal Antibody at dilution of 1:55(×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PTPRN Polyclonal Antibody at dilution of 1:55(×200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human PTPRN
<b>Gene Accession</b>	BC007713
<b>Swissprot</b>	Q16849
<b>Synonyms</b>	IA 2,IA 2/PTP,IA2,IA2/PTP,ICA 3,ICA 512,ICA3,ICA512,PTP IA 2,PTP IA-2,PTP IA2,PTPIA 2,PTPN,RPTPN

### Product Information

<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	IHC 1:50-1:200, ELISA 1:5000-1:10000

### Background

IA-2/PTPRN is a member of the protein tyrosine phosphatase (PTP) family, which contains a transmembrane region, an intracellular PTP-like domain and an extracellular N-terminus. Experiments found that IA-2/PTPRN localizes to secretory granules and is exclusively expressed in neuroendocrine cells (including pancreatic islets cell). IA-2/PTPRN was found to be a major autoantigen in insulin-dependent diabetes mellitus and the detection of autoantibodies against IA-2/PTPRN is commonly used as a diabetes diagnosis marker.

#### For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.