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Datasheet for ABIN7167533
anti-PTPRN antibody (AA 35-575) (HRP)

Overview

Quantity:	100 µg
Target:	PTPRN
Binding Specificity:	AA 35-575
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRN antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Receptor-type tyrosine-protein phosphatase-like N protein (35-575AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PTPRN
Alternative Name:	PTPRN (PTPRN Products)
Background:	Background: Plays a role in vesicle-mediated secretory processes (PubMed:24843546). Required for normal accumulation of secretory vesicles in hippocampus, pituitary and

Target Details

pancreatic islets (By similarity). Required for the accumulation of normal levels of insulin-containing vesicles and preventing their degradation (PubMed:24843546). Plays a role in insulin secretion in response to glucose stimuli (PubMed:24843546). Required for normal accumulation of the neurotransmitters norepinephrine, dopamine and serotonin in the brain (By similarity). In females, but not in males, required for normal accumulation and secretion of pituitary hormones, such as luteinizing hormone (LH) and follicle-stimulating hormone (FSH) (By similarity). Seems to lack intrinsic enzyme activity (By similarity).

Aliases: CA 512 antibody, FLJ16131 antibody, IA 2 antibody, IA 2/PTP antibody, IA2 antibody, IA2/PTP antibody, ICA 3 antibody, ICA 512 antibody, ICA3 antibody, ICA512 antibody, Islet cell antigen 2 antibody, Islet cell antigen 512 antibody, Islet cell autoantigen 3 antibody, Protein tyrosine phosphatase like N antibody, Protein tyrosine phosphatase like N precursor antibody, Protein tyrosine phosphatase receptor type N antibody, PTP IA 2 antibody, PTP IA-2 antibody, PTP IA2 antibody, PTPIA 2 antibody, PTPN antibody, Ptpn antibody, PTPRN protein antibody, PTPRN_HUMAN antibody, R PTP N antibody, R-PTP-N antibody, Receptor type tyrosine protein phosphatase like N antibody, Receptor-type tyrosine-protein phosphatase-like N antibody, RPTPN antibody

UniProt: [Q16849](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.