



Datasheet for ABIN1386512
anti-PTPRZ1 antibody (AA 421-520)



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1 Image

Overview

Quantity:	100 µL
Target:	PTPRZ1
Binding Specificity:	AA 421-520
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRZ1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PTP zeta
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	PTPRZ1
Alternative Name:	PTP zeta (PTPRZ1 Products)

Target Details

Background: Synonyms: PTPZ, HPTPZ, PTP18, PTPRZ, RPTPB, HPTPzeta, PTP-ZETA, RPTPbeta, phosphacan, R-PTP-zeta-2, Receptor-type tyrosine-protein phosphatase zeta, R-PTP-zeta, Protein-tyrosine phosphatase receptor type Z polypeptide 1, Protein-tyrosine phosphatase receptor type Z polypeptide 2, PTPRZ1, HTPZP2, PTPRZ2

Background: Protein tyrosine phosphatase that negatively regulates oligodendrocyte precursor proliferation in the embryonic spinal cord. Required for normal differentiation of the precursor cells into mature, fully myelinating oligodendrocytes. May play a role in protecting oligodendrocytes against apoptosis. May play a role in the establishment of contextual memory, probably via the dephosphorylation of proteins that are part of important signaling cascades (By similarity).

Gene ID: 5803

UniProt: [P23471](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

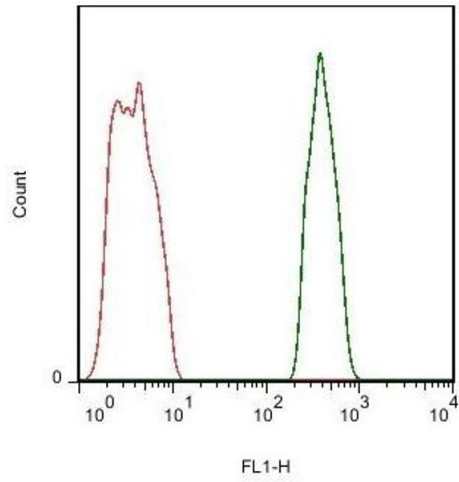
Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Flow Cytometry

Image 1. Mouse brain cells probed with Rabbit Anti-PTP zeta Polyclonal Antibody, FITC Conjugated (ABIN1386512-FITC) (green) at 1:50 for 40 minutes compared to control cells (red).