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Datasheet for ABIN5009382

## anti-PTPRZ1 antibody (AA 421-520) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	PTPRZ1
Binding Specificity:	AA 421-520
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRZ1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

### 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 ( <a href="#">PTPRZ1 Products</a> )
Background:	Synonyms: PTPZ, HPTPZ, PTP18, PTPRZ, RPTPB, HPTPzeta, PTP-ZETA, RPTPbeta,

## Target Details

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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).

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Gene ID: 5803

UniProt: [P23471](#)

## Application Details

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Application Notes: FCM 1:20-100  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months