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Datasheet for ABIN7167523  
**anti-PTPRZ1 antibody (AA 36-300)**

3 Images

### Overview

Quantity:	100 µg
Target:	PTPRZ1
Binding Specificity:	AA 36-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRZ1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant Human Receptor-type tyrosine-protein phosphatase zeta protein (36-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	PTPRZ1
Alternative Name:	PTPRZ1 ( <a href="#">PTPRZ1 Products</a> )
Background:	Background: Protein tyrosine phosphatase that negatively regulates oligodendrocyte precursor proliferation in the embryonic spinal cord. Required for normal differentiation of the precursor

## Target Details

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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.

Aliases: 3F8 chondroitin sulfate proteoglycan antibody, 3H1 keratan sulfate proteoglycan antibody, HPTPZ antibody, HPTPzeta antibody, Phosphacan antibody, Protein tyrosine phosphatase receptor type Z polypeptide 2 antibody, Protein tyrosine phosphatase, receptor type, Z polypeptide 1 antibody, Protein tyrosine phosphatase, receptor type, zeta polypeptide 1 antibody, Protein-tyrosine phosphatase receptor type Z polypeptide 1 antibody, Protein-tyrosine phosphatase receptor type Z polypeptide 2 antibody, PTP-ZETA antibody, PTP18 antibody, PTPRZ antibody, PTPRZ\_HUMAN antibody, Ptpz1 antibody, PTPZ antibody, R PTP zeta 2 antibody, R-PTP-zeta antibody, R-PTP-zeta-2 antibody, Receptor type tyrosine phosphatase beta/zeta antibody, Receptor-type tyrosine-protein phosphatase zeta antibody, RPTP-BETA antibody, RPTPB antibody, RPTPbeta antibody

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UniProt: [P23471](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

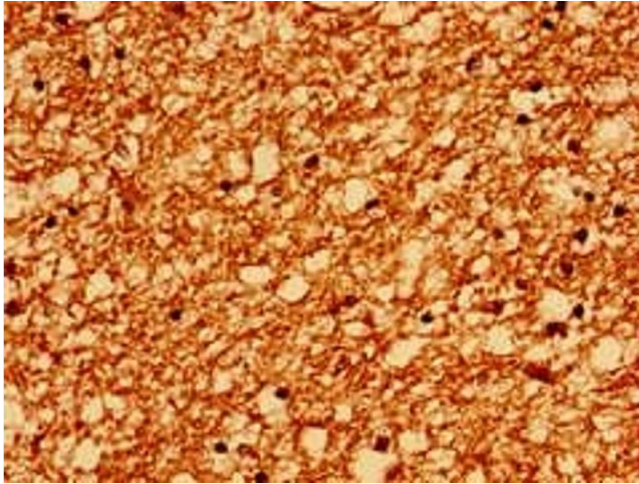
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

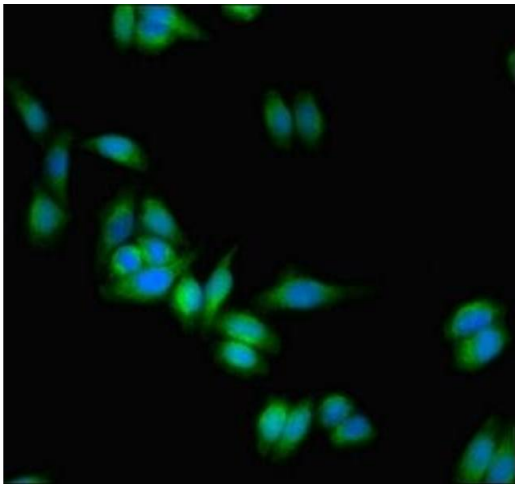
Storage: -20 °C,-80 °C

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



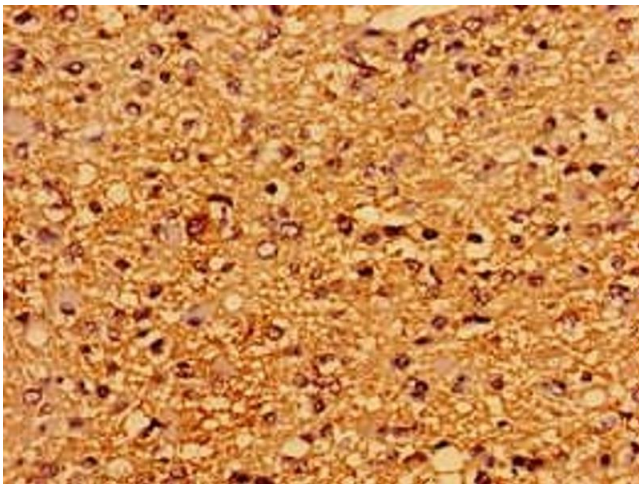
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7167523 at dilution of 1:100



#### Immunofluorescence

**Image 2.** Immunofluorescent analysis of HepG2 cells using ABIN7167523 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human glioma using ABIN7167523 at dilution of 1:100