



[Go to Product page](#)

Datasheet for ABIN7167522
anti-PTPRZ1 antibody (AA 36-300)

1 Image

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) |

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 (PTPRZ1 Products) |
| 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

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

UniProt: [P23471](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

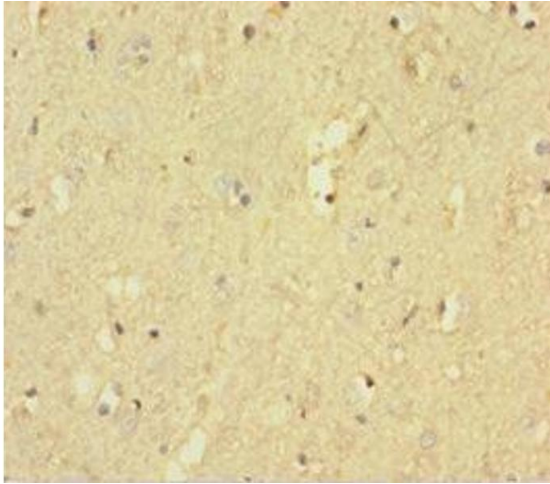
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7167522 at dilution of 1:100