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| Cat. No: | ABN16684 |
| Conjugate: | Unconjugated |
| Size: | 100μL |
| Clone: | Polyclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | The antiserum was produced against synthesized peptide derived from human PTPRZ1. AA range:122-171 |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000 |
| Molecular Weight: | 250kDa |
| Purification: | Affinity purification |
| Synonyms: | PTPRZ1; HTPZP2; PTPRZ; PTPRZ2; PTPZ; 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; R-PTP-zeta-2 |
| Background: | <p>This gene encodes a member of the receptor protein tyrosine phosphatase family. Expression of this gene is restricted to the central nervous system (CNS), and it may be involved in the regulation of specific developmental processes in the CNS. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011],catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,caution:PubMed:8387522 and PubMed:2170109 have termed this protein RPTPase beta.,function:May be involved in the regulation of specific developmental processes in the CNS.,sequence caution:Contaminating sequence. The N-terminus may be contaminated with vector sequence.,similarity:Belongs to the protein-tyrosine phosphatase family. Receptor class 5 subfamily.,similarity:Contains 1 alpha-carbonic anhydrase domain.,similarity:Contains 1 fibronectin type-III domain.,similarity:Contains 2 tyrosine-protein phosphatase domains.,subunit:The carbonic-anhydrase like domain binds to contactin.,tissue specificity:Specifically expressed in the central nervous system, where it is localized in the Purkinje cell layer of the cerebellum, the dentate gyrus, and the subependymal layer of the anterior horn of the lateral ventricle. Developmentally regulated in the brain.,</p> |
| Form: | Liquid |
| Buffer: | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |

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