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Datasheet for ABIN7118074 **anti-PTPRS antibody**

Overview

Quantity:	100 µg
Target:	PTPRS
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	protein tyrosine phosphatase, receptor type, S
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PTPRS
Alternative Name:	PTPRS (PTPRS Products)
Background:	Synonyms: Background: Type II a receptor protein tyrosine phosphatases (rPTPσ) are cell surface receptors important for nervous system development, function, and repair. The expression of rPTPσ has previously been reported in b-cells and other target organs for INS

Target Details

although the probes chosen did not permit to distinguish between the splice variants. Proteolytic processing near the transmembrane domain generates an extracellular N-terminal E-domain of 130 kDa and a C-terminal P-domain of approximately 85 kDa of rPTP σ , and the short splice variants rPTP σ 3 and 4 contain an E-domain of 95 kDa (PMID: 16552719). rPTP σ expression was observed in tissue lysates of the adult mouse sensory-motor cortex and thoracic spinal cord (T8-T10) as a 75-80 kDa immunoreactive band (PMID: 19780196).

Molecular Weight:	75-100 kDa
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Gene ID:	5802
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UniProt:	Q13332
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Application Details

Application Notes:	WB: 1:200-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
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Expiry Date:	12 months
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