

For Research Use Only

PTPRT Polyclonal antibody

Catalog Number: 25473-1-AP



Basic Information

Catalog Number: 25473-1-AP	GenBank Accession Number: NM_007050	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 11122	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O14522	
Isotype: IgG	Full Name: protein tyrosine phosphatase, receptor type, T	
	Calculated MW: 164 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse brain tissue,
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

PTPRT is a member of the type IIB receptor-type protein tyrosine phosphatase family, linked to signal transduction, cell adhesion and neurite extension. PTPRT plays a role in regulation of synaptic formation and neuronal development. It regulates synaptic function and neuronal development through interactions with neuronal adhesion molecules and the dephosphorylation of synaptic molecules. PTPRT is mainly expressed in nervous system (PMID:19816407, PMID: 25748173).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

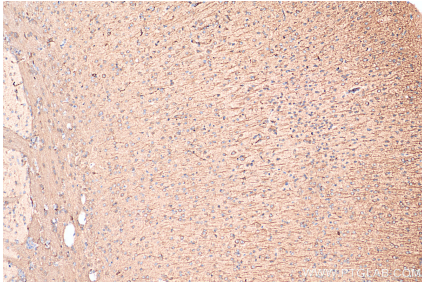
T: 4006900926

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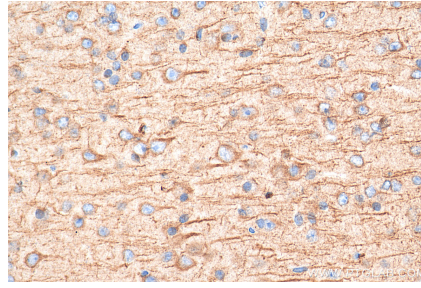
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25473-1-AP (PTPRT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25473-1-AP (PTPRT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).