

For Research Use Only

PREPL Polyclonal antibody

Catalog Number: 12478-1-AP



Basic Information

Catalog Number: 12478-1-AP	GenBank Accession Number: BC013193	Purification Method: Antigen affinity purification
Size: 187 µg/ml	GeneID (NCBI): 9581	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q4J6C6	
Isotype: IgG	Full Name: prolyl endopeptidase-like	
Immunogen Catalog Number: AG3196	Calculated MW: 72 kDa	
	Observed MW: 72 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse brain tissue, human brain tissue IHC : rat brain tissue, mouse brain tissue
Species Specificity: human, mouse, rat	
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

PREPL (Prolyl endopeptidase-like) is also named as KIAA0436 and belongs to the prolyl oligopeptidase subfamily of serine peptidases. IPREPL is a novel oligopeptidase with unique structural and functional characteristics (PMID:16385448). It has 4 isoforms produced by alternative splicing and can exist as a homodimer (PMID:16143824). Defects in PREPL are a cause of hypotonia-cystinuria syndrome (HCS).

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:

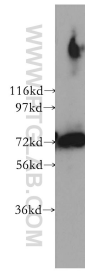
T: 4006900926

E: Proteintech-CN@ptglab.com

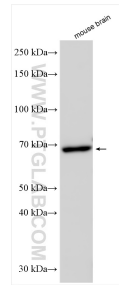
W: ptgcn.com

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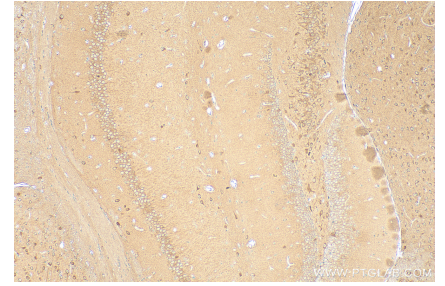
Selected Validation Data



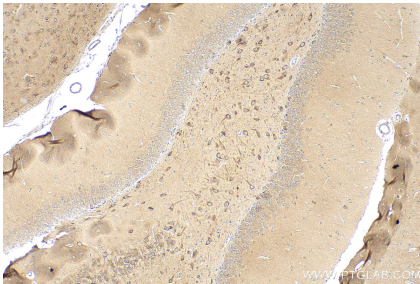
human brain tissue were subjected to SDS PAGE followed by western blot with 12478-1-AP (PREPL antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12478-1-AP (PREPL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12478-1-AP (PREPL 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 rat brain tissue slide using 12478-1-AP (PREPL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).