

For Research Use Only

MT3 Polyclonal antibody

Catalog Number: 12179-1-AP **1 Publications**



Basic Information

Catalog Number: 12179-1-AP	GenBank Accession Number: BC013081	Purification Method: Antigen affinity purification
Size: 700 µg/ml	GeneID (NCBI): 4504	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P25713	
Isotype: IgG	Full Name: metallothionein 3	
Immunogen Catalog Number: AG2823	Calculated MW: 68 aa, 7 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse brain tissue, human brain tissue, human testis tissue, human kidney tissue
Species Specificity: human, mouse, rat	
Cited Species: pig	
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

MT3 (Metallothionein-3) is also names as GIF (Growth inhibitory factor), GIFB inhibits N-glycosylation of IgE-binding factors and that unglycosylated IgE-binding factors selectively suppressed IgE synthesis. The major cell source of GIF is antigen-specific suppressor T(Ts) cell (PMID:10967025). The molecular size of GIF from T cells is 15 kDa, while GIF from macrophages consisted of 40- and 15-kDa molecules (PMID:2417235).

Notable Publications

Author	Pubmed ID	Journal	Application
Yikun Li	38928180	Int J Mol Sci	

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:

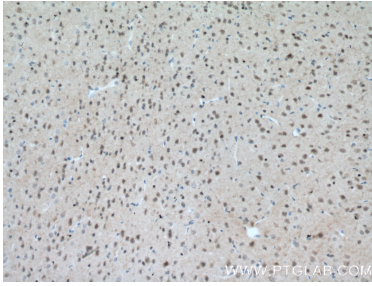
T: 4006900926

E: Proteintech-CN@ptglab.com

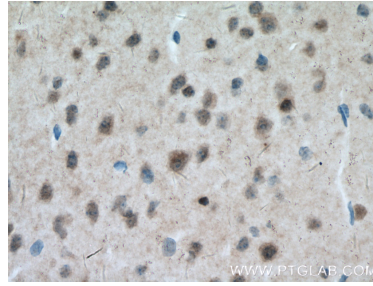
W: ptgcn.com

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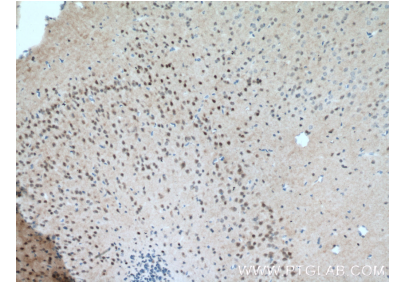
Selected Validation Data



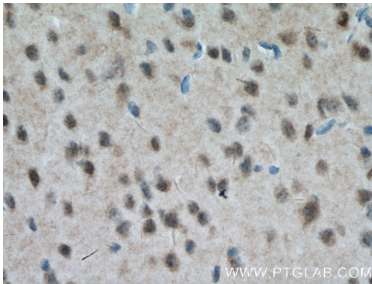
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12179-1-AP (MT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12179-1-AP (MT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12179-1-AP (MT3 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 12179-1-AP (MT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).