

For Research Use Only

MT3 Polyclonal antibody

Catalog Number: 12179-1-AP



Basic Information

Catalog Number: 12179-1-AP	GenBank Accession Number: BC013081	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4504	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: metallothionein 3	
Isotype: IgG	Calculated MW: 68 aa, 7 kDa	
Immunogen Catalog Number: AG2823		

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	
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).

Storage

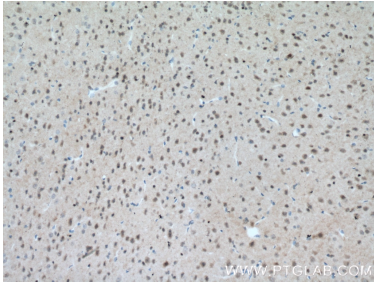
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

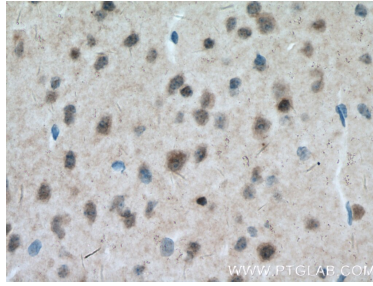
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

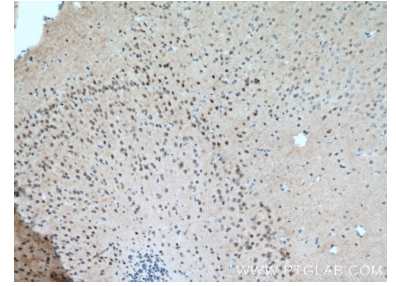
Selected Validation Data



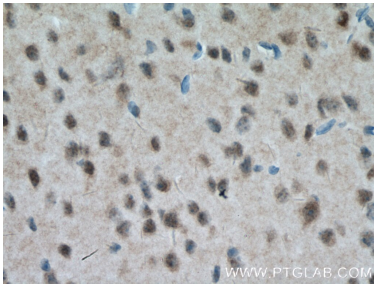
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12179-1-AP (MT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).