

For Research Use Only

MT3 Polyclonal antibody

Catalog Number: 12179-1-AP

2 Publications



Basic Information

Catalog Number:

12179-1-AP

Concentration:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2823

GenBank Accession Number:

BC013081

GeneID (NCBI):

4504

UNIPROT ID:

P25713

Full Name:

metallothionein 3

Calculated MW:

68 aa, 7 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse brain tissue, human brain tissue, human testis tissue, human kidney tissue

Background Information

MT3(Metalllothionein-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
Eunsang Kwag	39809138	Biochem Biophys Res Commun	WB
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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

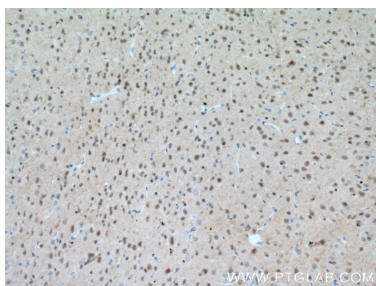
T: 4006900926

E: Proteintech-CN@ptglab.com

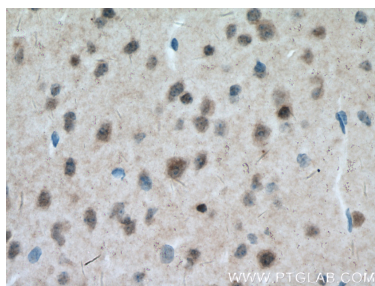
W: ptgcn.com

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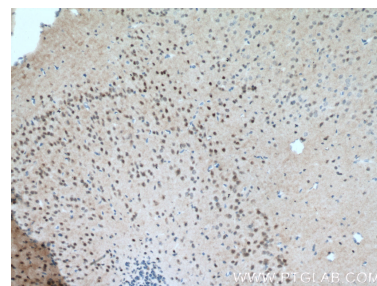
Selected Validation Data



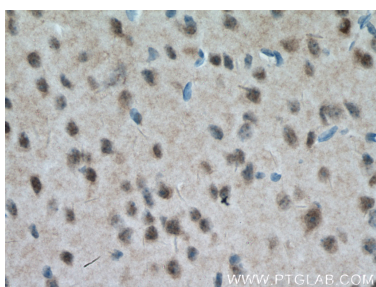
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12179-1-AP (MT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).