

For Research Use Only

# MT3 Polyclonal antibody

Catalog Number: 12179-1-AP

1 Publications



## Basic Information

Catalog Number:

12179-1-AP

Size:

150ul , Concentration: 700 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

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

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**

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
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

\*\*\* 20ul sizes contain 0.1% BSA

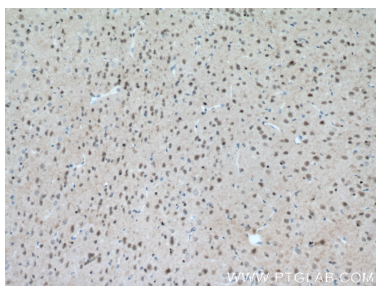
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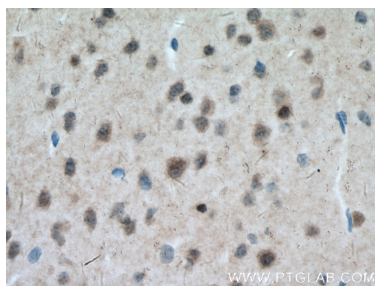
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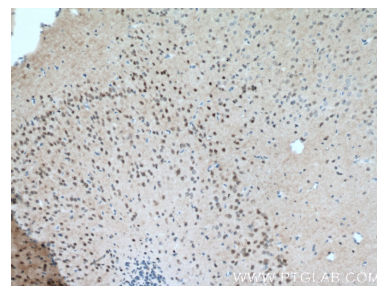
## Selected Validation Data



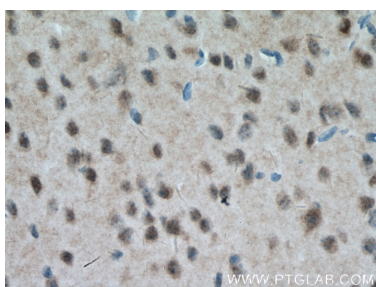
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12179-1-AP (MT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).