

For Research Use Only

# MTX2 Polyclonal antibody

Catalog Number: 11610-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

11610-1-AP

**Size:**

150UL, Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2181

**GenBank Accession Number:**

BC017271

**GeneID (NCBI):**

10651

**Full Name:**

metaxin 2

**Calculated MW:**

263 aa, 30 kDa

**Observed MW:**

25-29 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

## Applications

**Tested Applications:**

IF, IHC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**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:**

WB: mouse heart tissue, mouse kidney tissue, rat heart tissue

IP: mouse heart tissue,

IHC: human gliomas tissue,

IF: HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Bo Zhang	32917887	Cell Death Dis	WB
Fenglei Jian	29874585	Cell Rep	WB

## 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

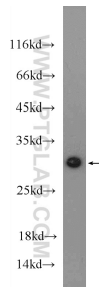
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

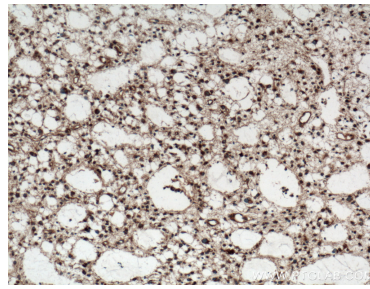
E: proteintech@ptglab.com  
W: ptglab.com

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

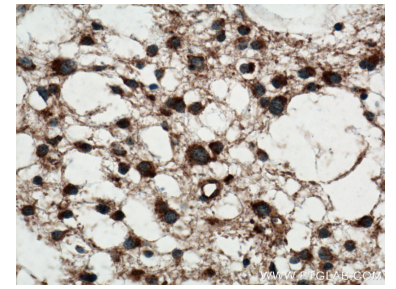
## Selected Validation Data



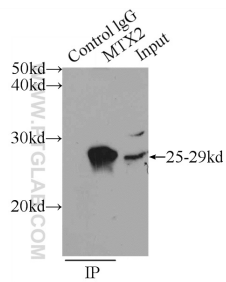
mouse heart tissue were subjected to SDS PAGE followed by western blot with 11610-1-AP (MTX2 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



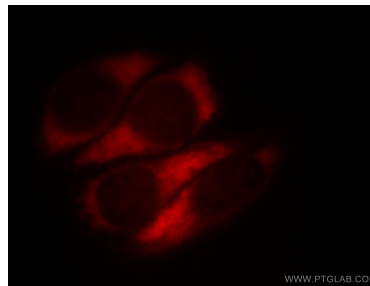
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11610-1-AP (MTX2 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11610-1-AP (MTX2 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-MTX2 (IP:11610-1-AP, 3ug; Detection:11610-1-AP 1:300) with mouse heart tissue lysate 4000ug.



Immunofluorescent analysis of HepG2 cells, using MTX2 antibody 11610-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).