

For Research Use Only

METR N Polyclonal antibody

Catalog Number: 16327-1-AP



Basic Information

| | | |
|---|---|--|
| Catalog Number: 16327-1-AP | GenBank Accession Number: BC000662 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 450 ug/ml by Nanodrop; | GeneID (NCBI): 79006 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: Q9UJH8 | |
| Isotype: IgG | Full Name: meteorin, glial cell differentiation regulator | |
| Immunogen Catalog Number: AG9414 | Calculated MW: 31 kDa | |
| | Observed MW: 31 kDa | |

Applications

| | |
|---|---|
| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Species Specificity: human, mouse, rat | WB : mouse brain tissue, rat brain tissue |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | IHC : mouse brain tissue, mouse heart tissue |

Background Information

Meteorin, also named as METRN and C16orf23, is a secret protein which plays important roles in both glial cell differentiation and axonal network formation during neurogenesis.

Storage

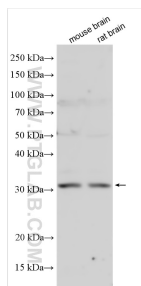
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

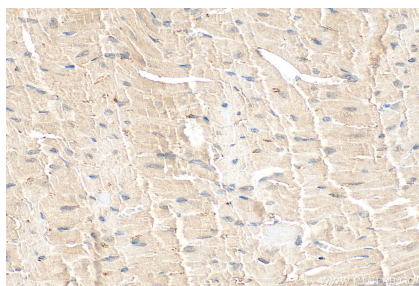
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

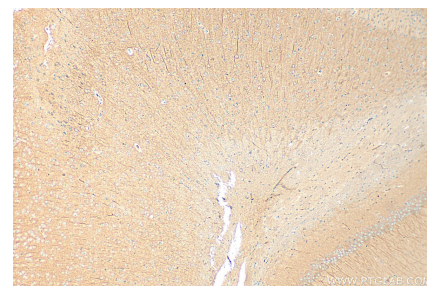
Selected Validation Data



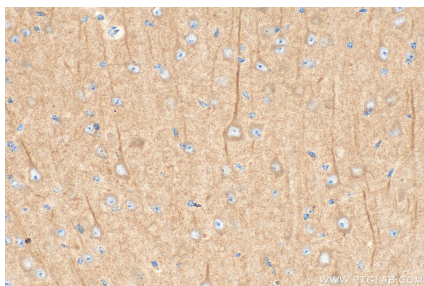
Various lysates were subjected to SDS PAGE followed by western blot with 16327-1-AP (METRN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



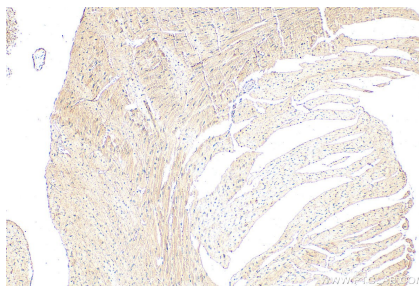
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16327-1-AP (METRN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16327-1-AP (METRN 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 16327-1-AP (METRN 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 heart tissue slide using 16327-1-AP (METRN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).