

For Research Use Only

TMF1 Monoclonal antibody

Catalog Number: 67505-1-Ig **Featured Product**



Basic Information

Catalog Number: 67505-1-Ig	GenBank Accession Number: BC126123	Purification Method: Protein A purification
Size: 2000 ug/ml	GeneID (NCBI): 7110	CloneNo.: 3G12F2
Source: Mouse	UNIPROT ID: P82094	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:250-1:1000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: TATA element modulatory factor 1	
Immunogen Catalog Number: AG17666	Calculated MW: 1093 aa, 123 kDa	
	Observed MW: 150-160 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

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

Positive Controls:

WB: LNCaP cells, HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

IHC: mouse brain tissue, mouse kidney tissue, rat brain tissue

IF/ICC: HepG2 cells,

Background Information

TMF1, also named as ARA160, is a potential coactivator of the androgen receptor. TMF1 mediates STAT3 degradation. TMF1 plays critical roles in two RAB6-dependent retrograde transport processes: one from endosomes to the Golgi and the other from the Golgi to the ER. TMF1 binds the HIV-1 TATA element and inhibits transcriptional activation by the TATA-binding protein (TBP). The antibody is specific to TMF1. TMF1 can be detected as 150-160 kDa after posttranslational modification.

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:

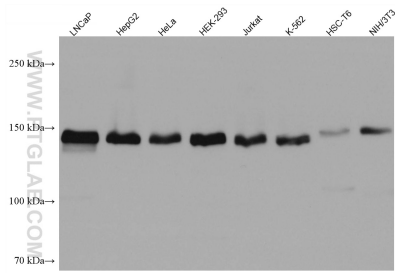
T: 4006900926

E: Proteintech-CN@ptglab.com

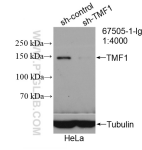
W: ptgcn.com

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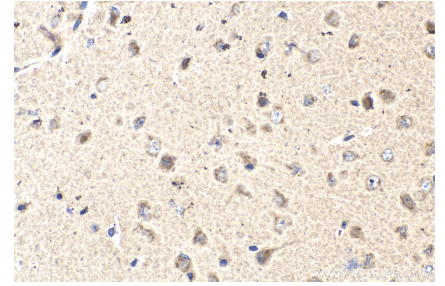
Selected Validation Data



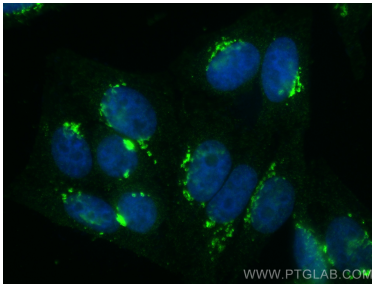
Various lysates were subjected to SDS PAGE followed by western blot with 67505-1-Ig (TMF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of TMF1 antibody (67505-1-Ig: 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TMF1 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67505-1-Ig (TMF1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TMF1 antibody (67505-1-Ig, Clone: 3G12F2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).