

For Research Use Only

TMPO/LAP2 Monoclonal antibody, PBS Only



Catalog Number: 67157-1-PBS

Basic Information

Catalog Number: 67157-1-PBS	GenBank Accession Number: BC053675	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 7112	CloneNo.: 3G4E1
Source: Mouse	UNIPROT ID: P42167	
Isotype: IgG1	Full Name: thymopoietin	
Immunogen Catalog Number: AG6415	Calculated MW: 51 kDa	
	Observed MW: 51 kDa, 39 kDa	

Applications

Tested Applications:
WB, IF, IHC, ELISA

Species Specificity:
Human, rat, mouse

Background Information

TMPO resides in the nucleus and may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane. TMPO gene encodes 3 thymopoietins: alpha (75 kD), beta (51 kD), and gamma (39 kD).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

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

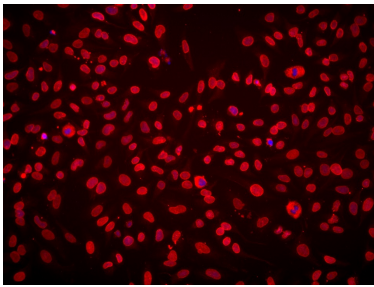
T: 4006900926

E: Proteintech-CN@ptglab.com

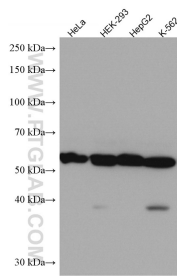
W: ptgcn.com

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

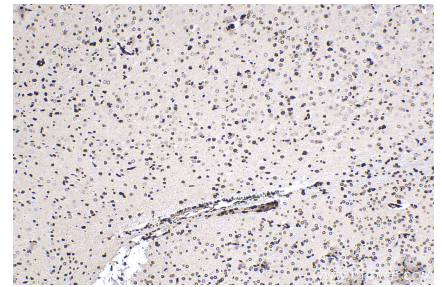
Selected Validation Data



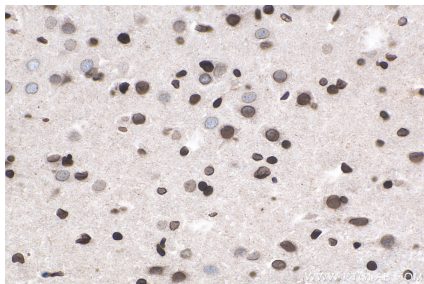
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TMPO/LAP2 antibody (67157-1-Ig, Clone: 3G4E1) at dilution of 1:2200 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004). This data was developed using the same antibody clone with 67157-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67157-1-Ig (TMPO/LAP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67157-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67157-1-Ig (TMPO/LAP2 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67157-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67157-1-Ig (TMPO/LAP2 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67157-1-PBS in a different storage buffer formulation.