

TMPO Polyclonal Antibody

Catalog No: tcba7558

KO VALIDATED



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Research Area:

Cancer,Cell cycle,Cell Biology,Immunology,

Species Reactivity:

Human,Mouse,Rat

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

CMD1T;LAP2;LEMD4;PRO0868;TP

SwissProt:

P42166/P42167

Gene ID:

7112 (human);

Calculated Molecular Weight:

38kDa/50kDa/75kDa

Purification:

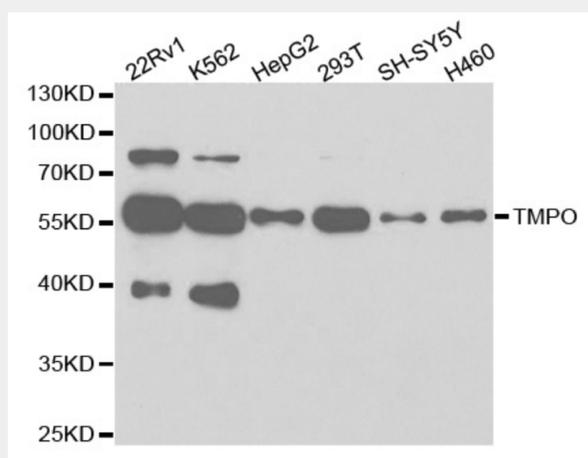
Affinity purification

Cellular Location:

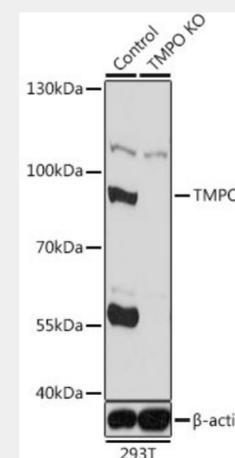
Chromosome,Nucleus,

Product Description

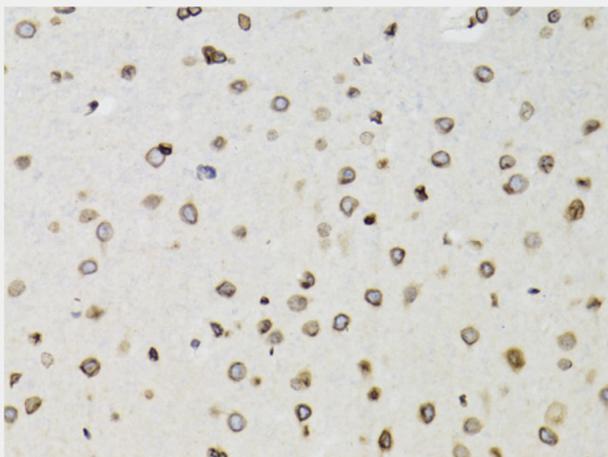
The protein encoded by this gene resides in the nucleus and may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane. Mutations in this gene are associated with dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.



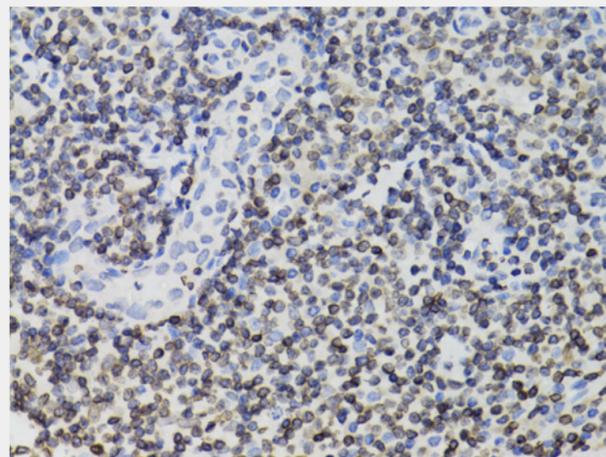
Western blot analysis of extracts of various cell lines, using TMPO antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit.
Exposure time: 30s.



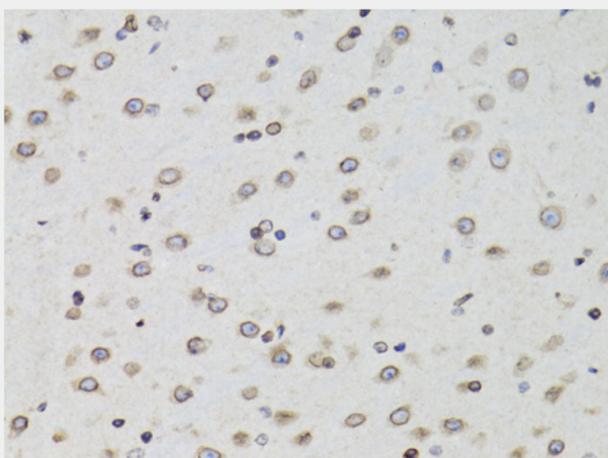
Western blot analysis of extracts from normal (control) and TMPO knockout (KO) 293T cells, using TMPO antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit.
Exposure time: 15s.



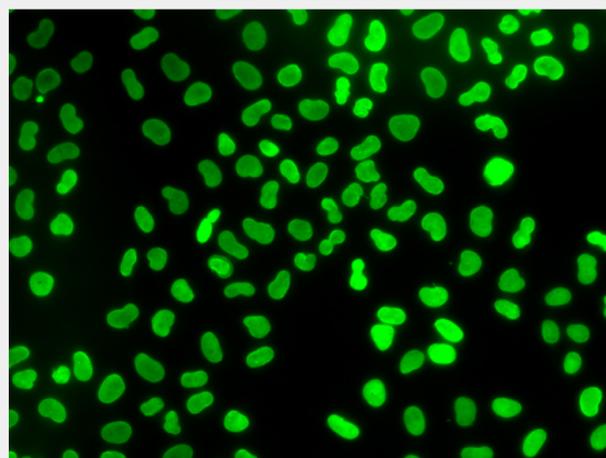
Immunohistochemistry of paraffin-embedded rat brain using TMPO Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human tonsil using TMPO Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using TMPO Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using TMPO antibody.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!