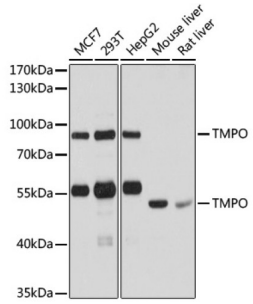
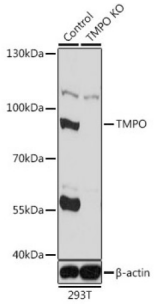
# Thymopoietin (TMPO) Antibody

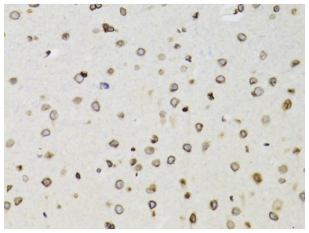
Catalogue No.:abx001974



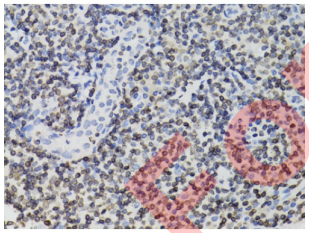

Western blot analysis of extracts of various cell lines using TMPO Antibody (1/1000 dilution).



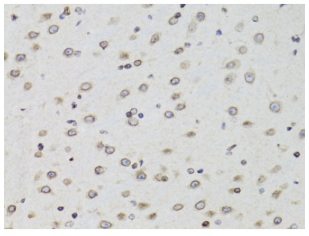

Western blot analysis of extracts from normal (control) and TMPO knockout (KO) 293T cells using TMPO Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Rat brain using TMPO Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human tonsil using TMPO Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using TMPO Antibody (1/100 dilution, 40x lens).

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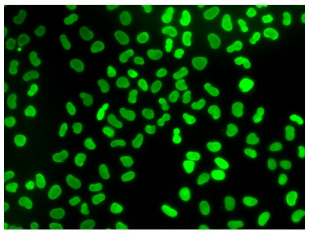

Immunofluorescence analysis of U2OS cells using TMPO Antibody

TMPO Antibody is a Rabbit Polyclonal antibody against TMPO. 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.

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|---|---|
| **Target:** | Thymopoietin (TMPO) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human, Mouse, Rat |
| **Tested Applications:** | WB, IHC, IF/ICC |
| **Host:** | Rabbit |
| **Recommended dilutions:** | WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | Recombinant fusion protein corresponding to human TMPO |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified by affinity chromatography. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P42167 (UniProt, ExPASy) |
| **Gene Symbol:** | TMPO |
| **GeneID:** | 7112 |




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| | |
|---|---|
| **NCBI Accession:** | NP_001027454.1 |
| **KEGG:** | hsa:7112 |
| **Molecular Weight:** | Calculated MW: 38 kDa/50 kDa/75 kDa<br>Observed MW: 51 kDa/80 kDa |
| **Buffer:** | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol. |
| **Concentration:** | 1 mg/ml |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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