

Rabbit TMPO Polyclonal Antibody | anti-TMPO antibody

TMPO Antibody

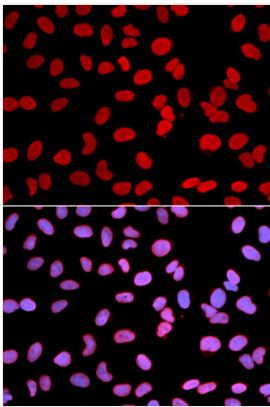
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29699	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

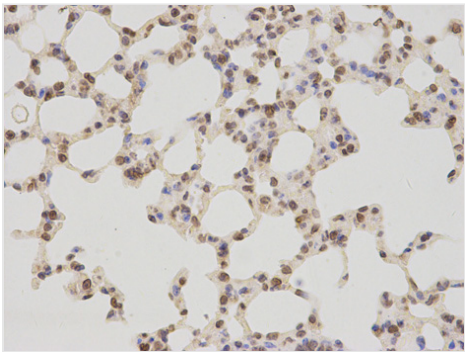
TMPO; Polyclonal Antibody; TMPO Antibody; TP; LAP2; CMD1T; LEMD4; PRO0868; anti-TMPO antibody

PRODUCT SPECIFICATIONS

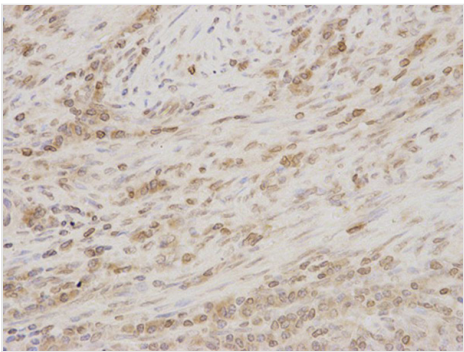
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TMPO protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	454
Applicable Applications for anti-TMPO antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TMPO.
Target Name	TMPO
Preparation and Storage	Store at -20 degree C



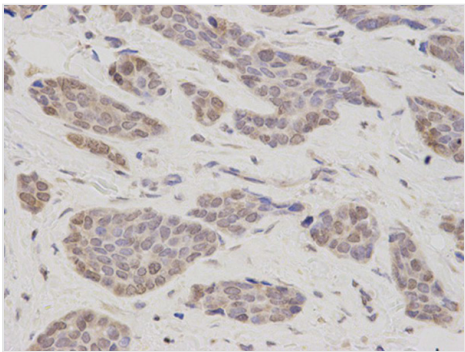
IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cell using TMPO antibody. Blue: DAPI for nuclear staining.



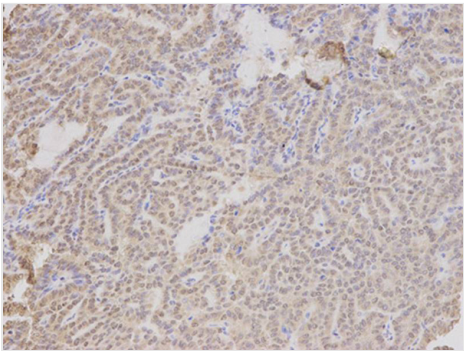
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse lung using TMPO antibody at dilution of 1:200 (400x lens).



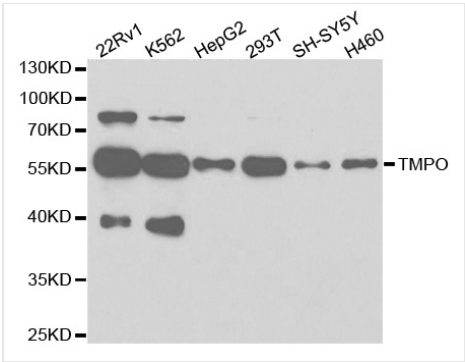
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human thyroid cancer using TMPO antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human endometrial cancer using TMPO antibody at dilution of 1:200 (400x lens)



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast cancer using TMPO antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TMPO antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TMPO antibody	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.
Product Categories/Family for anti-TMPO antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73760405
NCBI GeneID	7112
NCBI Accession #	NP_001027454.1
NCBI GenBank Nucleotide #	NM_001032283.2
UniProt Accession #	P42167; Q14861; A2T926; P42166
Molecular Weight	27,388 Da
NCBI Official Full Name	thymopoietin isoform beta
NCBI Official Synonym Full Names	thymopoietin
NCBI Official Symbol	TMPO
NCBI Official Synonym Symbols	TP; LAP2; CMD1T; LEMD4; PRO0868
NCBI Protein Information	thymopoietin
UniProt Protein Name	Lamina-associated polypeptide 2, isoforms beta/gamma
UniProt Gene Name	TMPO
UniProt Synonym Gene Names	LAP2; TP beta/gamma; TPRP isoforms beta/gamma; TP
UniProt Entry Name	LAP2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmpo-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29699>