

Rabbit Thymopoietin Polyclonal Antibody | anti-TMPO antibody

Anti-Thymopoietin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262813	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

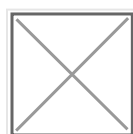
PRODUCT SYNONYMS

Thymopoietin; Polyclonal Antibody; Anti-Thymopoietin Antibody; LAP2; Lamina-associated polypeptide 2; isoform alpha; Thymopoietin isoform alpha; TP alpha; Thymopoietin-related peptide isoform alpha; TPRP isoform alpha; anti-TMPO antibody

PRODUCT SPECIFICATIONS

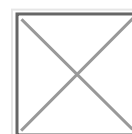
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Thymopoietin protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	694
Applicable Applications for anti-TMPO antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Thymopoietin
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



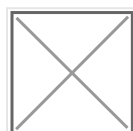
IF (Immunofluorescence)

Immunofluorescent analysis of Thymopoietin staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Thymopoietin staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Thymopoietin expression in K562 (A), HepG2 (B), SHSY5Y (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TMPO antibody	Rabbit polyclonal antibody to Thymopoietin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507555
NCBI GeneID	7112
NCBI Accession #	NP_003267.1
NCBI GenBank Nucleotide #	NM_003276.2
UniProt Accession #	P42166; P08918; P08919; Q14860; Q16295; P42167
Molecular Weight	50,670 Da
NCBI Official Full Name	thymopoietin isoform alpha
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, isoform alpha
UniProt Gene Name	TMPO
UniProt Synonym Gene Names	LAP2; TP alpha; TPRP isoform alpha; TP
UniProt Entry Name	LAP2A_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/thymopoietin-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262813>