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## anti-Thymopoietin antibody (N-Term)

**Images** 



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Overview	
Quantity:	100 μL
Target:	Thymopoietin (TMPO)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Dog, Horse, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thymopoietin antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPO
Sequence:	MPEFLEDPSV LTKDKLKSEL VANNVTLPAG EQRKDVYVQL YLQHLTARNR
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TMPO. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### **Target Details**

Target: Thymopoietin (TMPO)

### **Target Details**

Alternative Name:	TMPO (TMPO Products)
Background:	TMPO may be involved in the structural organization of the nucleus and in the post-mitotic
	nuclear assembly. It plays an important role, together with LMNA, in the nuclear anchorage of
	RB1.
	Alias Symbols: CMD1T, LAP2, MGC61508, PRO0868, TP, LEMD4
	Protein Interaction Partner: UBC, SUMO3, SPRTN, SUMO1, MDM2, RPA3, RPA2, RPA1, EED,
	HDAC11, HDAC9, LMNA, CD81, WHSC1, CSNK2A1, FMNL1, YWHAE, SMURF1, PAXIP1,
	TP53BP1, HP1BP3, BANF1, PFKP, MRE11A, ILF3, CIRBP, FBX06, USP7, PCGF2, XRCC5, ARRB2,
	ARRB1, OIP5, SUMO2, RAD21, HDGF, SMARCAD1,
	Protein Size: 345
Molecular Weight:	39 kDa
Gene ID:	7112
NCBI Accession:	NM_001032284, NP_001027455

## **Application Details**

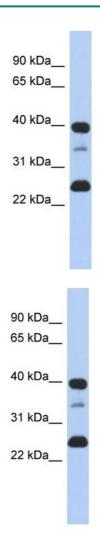
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 345 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small	

aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500
Positive Control: SH-SYSY cell lysate

Image 1. WB Suggested Anti-TMPO

TMPO is strongly supported by BioGPS gene expression data to be expressed in Human SHSY5Y cells

#### **Western Blotting**

**Image 2.** WB Suggested Anti-TMPO Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: SH-SYSY cell lysate TMPO is strongly supported by BioGPS gene expression data to be expressed in Human SHSY5Y cells