

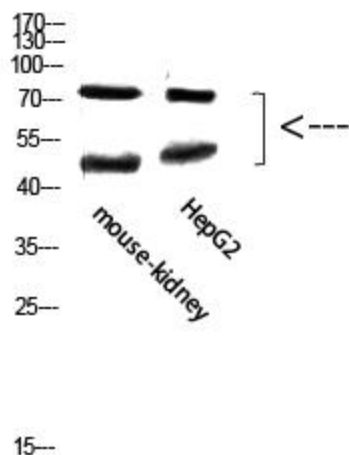


TMPO Monoclonal Antibody

Catalog No	YP-mAb-10630
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TMPO LAP2
Immunogen	Synthetic peptide from human protein at AA range: 1-50
Specificity	The antibody detects endogenous TMPO protein
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LAP2;TMPO;Lamina-associated polypeptide 2;isoforms beta/gamma;Thymopoietin-related peptide isoforms beta/gamma;Thymopoietin isoform alpha;TMPO LAP2;thymopoietin
Observed Band	75 50kD
Calculated Molecular Weight	75+50kD
Cell Pathway	Nucleus. Chromosome. Expressed diffusely throughout the nucleus.
Tissue Specificity	Expressed in many tissues. Most abundant in adult thymus and fetal liver.
Function	regulation of transcription,
Background	The protein encoded by TMPO (thymopoietin) 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 TMPO are associated with dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for TMPO.
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using TMPO Monoclonal Antibody