



# LAP2A rabbit pAb

Cat No.:ES10927

For research use only

## Overview

<b>Product Name</b>	LAP2A rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	LAP2A Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Lamina-associated polypeptide 2, isoform alpha (Thymopietin isoform alpha) (TP alpha) (Thymopietin-related peptide isoform alpha) (TPRP isoform alpha) [Cleaved into: Thymopietin (TP) (Splenin); Thy
<b>Gene Name</b>	TMPO LAP2
<b>Cellular localization</b>	Nucleus. Chromosome. Expressed diffusely throughout the nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	76kD
<b>Human Gene ID</b>	7112
<b>Human Swiss-Prot Number</b>	P42166
<b>Alternative Names</b>	
<b>Background</b>	Thymopietin encoded by TMPO 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





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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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