

LAP2B rabbit pAb antibody

Applications Catalog no :	WB,ELISA	Source:	Concentration :	Mol.Wt. (Da):
Reactivity		Human,Mouse		
Dilution	A16923	Rabbit WB 1:500-2000 ELISA 1:5000-20000	1 mg/ml	
Storage		-20°C/1 year		
Specificity		LAP2B Polyclonal Antibody detects endogenous levels of protein.		
Source / Purification		The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen		Synthesized peptide derived from part region of human protein		
Uniprot No		P42167		
Alternative names				
Form		Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.		
Clonality		Polyclonal		
Isotype		IgG		
Conjugation				
Background		<p>alternative products:Additional isoforms seem to exist,domain:Has two structurally independent, non-interacting domains: LEM-like (also called LAP2-N or LEM-D) and LEM (also called LAP2-C or LEM-B). LEM-like binds DNA while LEM interacts with BANF1.,function:May be involved in the structural organization of the nucleus and in the post-mitotic nuclear assembly. Play an important role, together with LMNA, in the nuclear anchorage of RB1.,function:May help direct the assembly of the nuclear lamina and thereby help maintain the structural organization of the nuclear envelope. Possible receptor for attachment of lamin filaments to the inner nuclear membrane. May be involved in the control of initiation of DNA replication through its interaction with NAKAP95.,function:TP and TP5 may play a role in T-cell development and function. TP5 is an immunomodulating pentapeptide.,pharmaceutical:TP5 is available under the names Timunox (Cilag), Sintomodulina (ItaloFarmaco) and Mepentil (Recordati). Used in primary and secondary immune deficiencies, autoimmunity, infections and cancer.,PTM:Mitosis-specific phosphorylation specifically abolishes its binding to lamin B and chromosomes.,PTM:Phosphorylated in a mitose-specific manner.,similarity:Belongs to the LEM family.,similarity:Contains 1 LEM domain.,similarity:Contains 1 LEM-like domain.,subcellular location:Expressed diffusely throughout the nucleus.,subcellular location:Tightly associated with the nuclear lamina.,subunit:Interacts with LMNA, BANF1 and RB1 and with chromosomes. Associates directly or indirectly with lamins at specific cell-cycle stages.,subunit:Interacts with LMNB1, LMNB2, BANF1, NAKAP95, GMCL and chromosomes.,tissue specificity:Expressed in many tissues. Most abundant in adult thymus and fetal liver.,</p>		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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