

产品名称: PHAPI2 / APRIL (8K19) Rabbit Monoclonal Antibody
产品货号: AMRe16054



产品概述 (Summary)

产品名称 (Production Name)	PHAPI2 / APRIL (8K19) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ANP32B
别名 (Alternative Names)	ANP32B; PAL31; PHAPI2; PHAPI2a; Ssp29;
基因 ID (Gene ID)	10541.0
蛋白 ID (SwissProt ID)	Q92688.A synthetic peptide of human PHAPI2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:50-1:100,ICC/IF 1:100-1:200,FC 1:20-1:50
蛋白分子量 (Molecular Weight)	29kDa

研究背景 (Background)

产品名称: PHAPI2 / APRIL (8K19) Rabbit Monoclonal Antibody
产品货号: AMRe16054

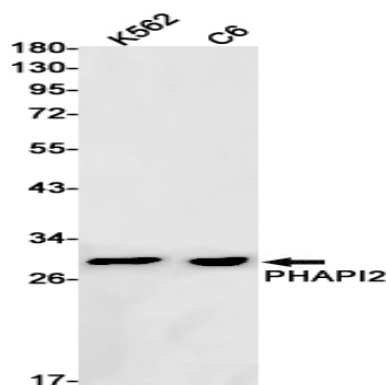


Multifunctional protein working as a cell cycle progression factor as well as a cell survival factor. Required for the progression from the G1 to the S phase. Multifunctional protein that is involved in the regulation of many processes including cell proliferation, apoptosis, cell cycle progression or transcription (PubMed:[20015864](http://www.uniprot.org/citations/20015864), PubMed:[18039846](http://www.uniprot.org/citations/18039846)). Regulates the proliferation of neuronal stem cells, differentiation of leukemic cells and progression from G1 to S phase of the cell cycle. As negative regulator of caspase-3-dependent apoptosis, may act as an antagonist of ANP32A in regulating tissue homeostasis (PubMed:[20015864](http://www.uniprot.org/citations/20015864)). Exhibits histone chaperone properties, able to recruit histones to certain promoters, thus regulating the transcription of specific genes (PubMed:[20538007](http://www.uniprot.org/citations/20538007), PubMed:[18039846](http://www.uniprot.org/citations/18039846)). Plays also an essential role in the nucleocytoplasmic transport of specific mRNAs via the uncommon nuclear mRNA export receptor XPO1/CRM1 (PubMed:[17178712](http://www.uniprot.org/citations/17178712)). Participates in the regulation of adequate adaptive immune responses by acting on mRNA expression and cell proliferation (By similarity).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot detection of PHAPI2 in K562,C6 cell lysates using PHAPI2 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .