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Anti-PHAPI2 / APRIL Rabbit Monoclonal Antibody

Catalog # ABO15702

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	Q92688
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-PHAPI2 / APRIL Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

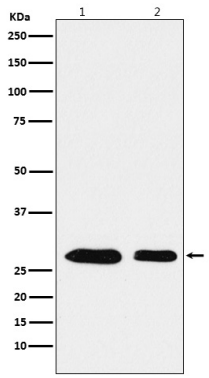
Gene ID	10541
Other Names	Acidic leucine-rich nuclear phosphoprotein 32 family member B, Acidic protein rich in leucines, Putative HLA-DR-associated protein I-2, PHAPI2, Silver-stainable protein SSP29, ANP32B, APRIL, PHAPI2
Calculated MW	28788
Application Details	WB 1:500-1:1000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:100
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 22A78
Immunogen	A synthesized peptide derived from human PHAPI2 / APRIL
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	ANP32B
Synonyms	APRIL, PHAPI2

Function	Multifunctional protein that is involved in the regulation of many processes including cell proliferation, apoptosis, cell cycle progression or transcription (PubMed:18039846, PubMed:20015864). 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). Exhibits histone chaperone properties, able to recruit histones to certain promoters, thus regulating the transcription of specific genes (PubMed:18039846, PubMed:20538007). Also plays an essential role in the nucleocytoplasmic transport of specific mRNAs via the uncommon nuclear mRNA export receptor XPO1/CRM1 (PubMed:17178712). Participates in the regulation of adequate adaptive immune responses by acting on mRNA expression and cell proliferation (By similarity).
Cellular Location	[Isoform 1]: Nucleus. Cytoplasm Note=Accumulates in the nuclei at the S phase.
Tissue Location	Expressed in heart, lung, pancreas, prostate and in spleen, thymus and placenta.

Images



Western blot analysis of PHAPI2 / APRIL expression in (1) Jurkat cell lysate; (2) RAW264.7 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.