

KD-Validated Anti-ANP32B Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1212**Specification****KD-Validated Anti-ANP32B Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	Q92688
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 29 kDa , observed, 29 kDa KDa
Gene Name	ANP32B
Aliases	ANP32B; Acidic Nuclear Phosphoprotein 32 Family Member B; PHAPI2; APRIL; Acidic Protein Rich In Leucines; SSP29; Acidic (Leucine-Rich) Nuclear Phosphoprotein 32 Family, Member B; Acidic Leucine-Rich Nuclear Phosphoprotein 32 Family Member B; Putative HLA-DR-Associated Protein I-2; Silver-Stainable Protein SSP29
Immunogen	A synthesized peptide derived from human PHAPI2 / APRIL

KD-Validated Anti-ANP32B Rabbit Monoclonal Antibody - 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	

KD-Validated Anti-ANP32B Rabbit Monoclonal Antibody - 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

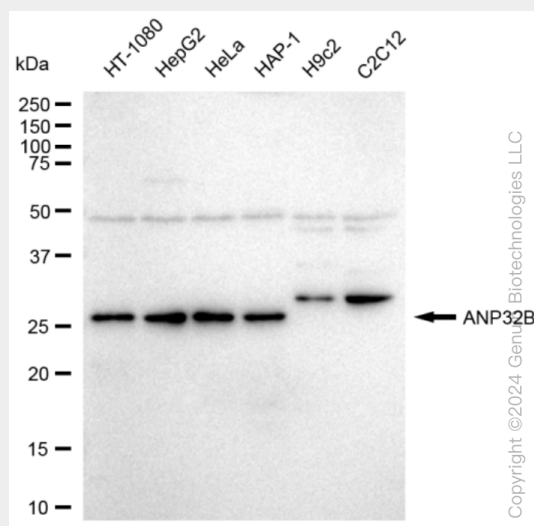
Expressed in heart, lung, pancreas, prostate and in spleen, thymus and placenta.

KD-Validated Anti-ANP32B Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-ANP32B Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-ANP32B antibody (Cat#AGI1212). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ANP32B antibody (Cat#AGI1212, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

