

# Goat anti-SSP29 / ANP32B, Biotinylated Antibody

Peptide-affinity purified goat antibody

Catalog # AF4385a

## Product Information

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<b>Application</b>	WB, IHC, Pep-ELISA
<b>Primary Accession</b>	<a href="#">Q92688</a>
<b>Other Accession</b>	<a href="#">NP_006392.1</a>
<b>Reactivity</b>	Human, Mouse, Rat, Pig, Dog, Bovine
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	ANP32B
<b>Calculated MW</b>	28788

## Additional Information

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<b>Gene ID</b>	10541
<b>Other Names</b>	ANP32B; acidic nuclear phosphoprotein 32 family member B; APRIL; PHAPI2; SSP29; acidic (leucine-rich) nuclear phosphoprotein 32 family, member B; acidic protein rich in leucines; putative HLA-DR-associated protein I-2; silver-stainable protein SSP29
<b>Dilution</b>	WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A
<b>Format</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Immunogen</b>	This antibody does NOT recognize theTNF family member also known as APRIL - Gene ID number 8741. However this antibody may cross-react with ANP32A (GeneID 8125).
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Goat anti-SSP29 / ANP32B, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	ANP32B
<b>Synonyms</b>	APRIL, PHAPI2
	Multifunctional protein that is involved in the regulation of many processes

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

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