

**Goat anti-SSP29 / ANP32B, Biotinylated Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4385a

### Specification

#### Goat anti-SSP29 / ANP32B, Biotinylated Antibody - Product Information

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

#### Goat anti-SSP29 / ANP32B, Biotinylated Antibody - Additional Information

##### Gene ID 10541

##### Other Names

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

##### Dilution

WB~~1:1000  
IHC~~1:100~500  
Pep-ELISA~~N/A

##### Format

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.

##### Immunogen

This antibody does NOT recognize the TNF family member also known as APRIL - Gene ID number 8741. However this antibody may cross-react with ANP32A (GeneID 8125).

##### Storage

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.

##### Precautions

Goat anti-SSP29 / ANP32B, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Goat anti-SSP29 / ANP32B, Biotinylated 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:<a href="http://www.uniprot.org/citations/18039846" target="\_blank">18039846</a>, PubMed:<a href="http://www.uniprot.org/citations/20015864" target="\_blank">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="http://www.uniprot.org/citations/20015864" target="\_blank">20015864</a>). Exhibits histone chaperone properties, able to recruit histones to certain promoters, thus regulating the transcription of specific genes (PubMed:<a href="http://www.uniprot.org/citations/18039846" target="\_blank">18039846</a>, PubMed:<a href="http://www.uniprot.org/citations/20538007" target="\_blank">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="http://www.uniprot.org/citations/17178712" target="\_blank">17178712</a>). 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.

## Goat anti-SSP29 / ANP32B, Biotinylated 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](#)

## Goat anti-SSP29 / ANP32B, Biotinylated Antibody - Images