

## ANP32B Polyclonal Antibody

Catalog number: 10843-1-AP

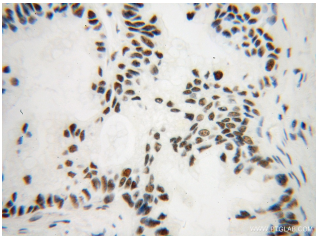
Size: 20 µg/150 µl

Source: Rabbit

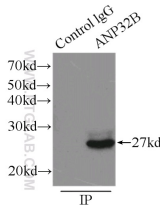
Isotype: IgG

Synonyms:

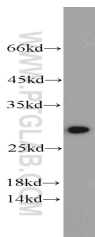
ANP32B; ANP32B, APRIL, PHAPI2, Silver stainable protein SSP29, SSP29



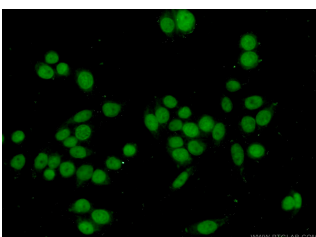
Immunohistochemical of paraffin-embedded human pancreas cancer using 10843-1-AP (ANP32B antibody) at dilution of 1:100 (under 40x lens)



IP Result of anti-ANP32B (IP:10843-1-AP, 3µg; Detection:10843-1-AP 1:1000) with HeLa cells lysate 3000µg.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10843-1-AP (ANP32B antibody) at dilution of 1:1000



Immunofluorescent analysis

### Background

ANP32B is a member of the highly conserved acidic leucine-rich nuclear phosphoprotein 32 (ANP32) family. The ANP32 proteins have been implicated in a broad array of physiological processes, including cell differentiation, apoptotic cell death, and cell proliferation. ANP32B was identified as a novel direct substrate for caspase-3 and acted as a negative regulator for leukemic cell apoptosis. ANP32B controls the expression of the dendritic cell maturation factor CD83 by regulating the transport of its mRNA to the cytoplasm. It also modulates the activity of the transcription factor Kruppel-like factor 5 (KLF5).

### Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Cited applications:	WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human, mouse
Calculated ANP32B MW:	29 kDa
Observed ANP32B MW:	29 kDa
Positive WB detected in	HEK-293 cells, A431 cells, HeLa cells, RAW 264.7 cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human pancreas cancer tissue, human colon cancer tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:500-1:5000
	IHC: 1:20-1:200
	IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1274
GenBank accession number:	BC013003
Gene ID (NCBI):	10541
Full name:	Acidic (leucine-rich) nuclear phosphoprotein 32 family, member B

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

of HeLa cells using 10843-1-  
AP( ANP32B Antibody) at  
dilution of 1:50 and Alexa  
Fluor 488-conjugated  
AffiniPure Goat Anti-Rabbit  
IgG(H+L)