

Datasheet for ABIN7265377

anti-ANP32B antibody

6 Images

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Overview

Quantity:	100 µL
Target:	ANP32B
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ANP32B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	ANP32B Rabbit mAb
Immunogen:	A synthesized peptide derived from human ANP32B
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ANP32B
Alternative Name:	ANP32B (ANP32B Products)
Background:	Multifunctional protein that is involved in the regulation of many processes including cell

Target Details

proliferation, apoptosis, cell cycle progression or transcription. 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. Exhibits histone chaperone properties, able to recruit histones to certain promoters, thus regulating the transcription of specific genes. Plays also an essential role in the nucleocytoplasmic transport of specific mRNAs via the uncommon nuclear mRNA export receptor XPO1/CRM1. Participates in the regulation of adequate adaptive immune responses by acting on mRNA expression and cell proliferation (By similarity.,APRIL, PHAPI2, SSP29,Apoptosis,Apoptosis_Caspases,Cell Biology & Developmental Biology,Cell Cycle,ANP32B

Molecular Weight: 29kDa

Gene ID: 10541

UniProt: [Q92688](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

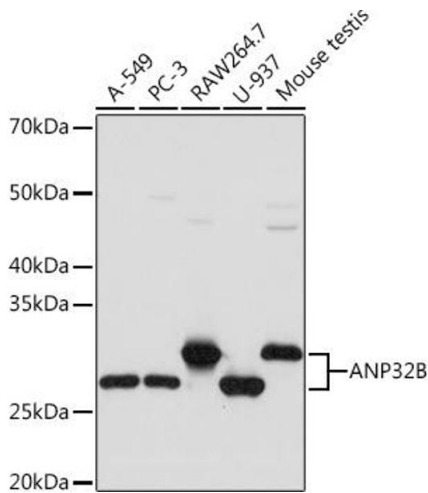
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

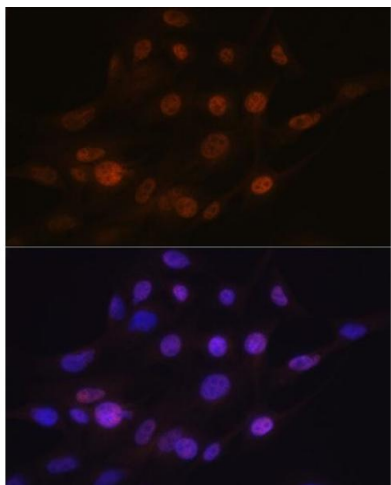
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



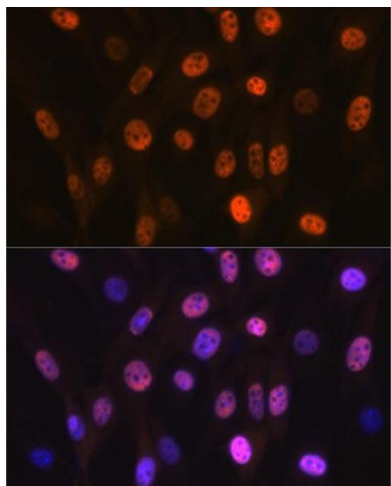
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using B Rabbit mAb (ABIN7265377) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunofluorescence

Image 2. Immunofluorescence analysis of C6 cells using B Rabbit mAb (ABIN7265377) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence

Image 3. Immunofluorescence analysis of NIH-3T3 cells using B Rabbit mAb (ABIN7265377) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7265377.