



Datasheet for ABIN872630
anti-ANP32B antibody (AA 51-150)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	ANP32B
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANP32B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PHAPI2/APRIL
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Zebrafish,Drosophila
Purification:	Purified by Protein A.

Target Details

Target:	ANP32B
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Target Details

Alternative Name: PHAPI2 ([ANP32B Products](#))

Background: Synonyms: Acidic leucine rich nuclear phosphoprotein 32 family member B, Acidic leucine rich nuclear phosphoprotein 32 family member B, Acidic leucine-rich nuclear phosphoprotein 32 family member B, Acidic nuclear phosphoprotein 32 family member B, Acidic protein rich in leucines, AN32B_HUMAN, ANP 32B, ANP32B, APRIL, PAL 31, PAL31, PHAPI 2, PHAPI2, PHAPI2 protein, PHAPI2a, proliferation related acidic leucine rich protein, Putative HLA-DR-associated protein I-2, Silver stainable protein SSP 29, Silver stainable protein SSP29, Silver-stainable protein SSP29, Ssp 29, Ssp29.

Background: Multifunctional protein working as a cell cycle progression factor as well as a cell survival factor. Required for the progression from the G1 to the S phase. Anti-apoptotic protein which functions as a caspase-3 inhibitor. Has no phosphatase 2A (PP2A) inhibitor activity (By similarity). Exhibits histone chaperone properties, stimulating core histones to assemble into a nucleosome.

Gene ID: 10541

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Chemnitz, Pieper, Stich, Schumacher, Balabanov, Spohn, Grundhoff, Steinkasserer, Hauber, Zinser: "The acidic protein rich in leucines Anp32b is an immunomodulator of inflammation in mice." in: **Scientific reports**, Vol. 9, Issue 1, pp. 4853, (2019) ([PubMed](#)).

Images

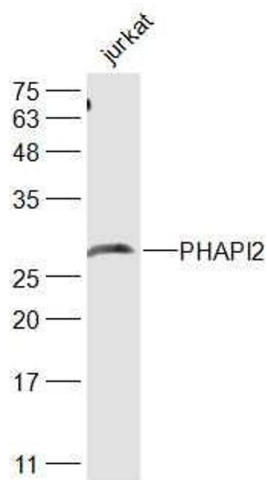


Image 1. Jurkat lysates probed with PHAPI2 Polyclonal Antibody, Unconjugated at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.