



PHAPI2 Polyclonal Antibody

Catalog No	YP-Ab-04077
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA;IHC
Gene Name	ANP32B
Immunogen	The antiserum was produced against synthesized peptide derived from human ANP32B. AA range:1-50
Specificity	PHAPI2 Polyclonal Antibody detects endogenous levels of PHAPI2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Silver-stainable protein SSP29;Putative HLA-DR-associated protein I-2;PHAPI2; APRIL;ANP32B;Acidic leucine-rich nuclear phosphoprotein 32 family member B; Acidic protein rich in leucines
Observed Band	29kD
Calculated Molecular Weight	29kD
Cell Pathway	[Isoform 1]: Nucleus . Cytoplasm . Accumulates in the nuclei at the S phase. .; [Isoform 2]: Cytoplasm. Lacks a nuclear localization signal.
Tissue Specificity	Expressed in heart, lung, pancreas, prostate and in spleen, thymus and placenta.
Function	function: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.,similarity:Belongs to the ANP32 family., similarity:Contains 4 LRR (leucine-rich) repeats.,subcellular location:Accumulates in the nuclei at the S phase.,tissue specificity:Expressed in heart, lung, pancreas, prostate and in spleen, thymus and placenta.,



Background

function: 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., similarity: Belongs to the ANP32 family., similarity: Contains 4 LRR (leucine-rich) repeats., subcellular location: Accumulates in the nuclei at the S phase., tissue specificity: Expressed in heart, lung, pancreas, prostate and in spleen, thymus and placenta.,

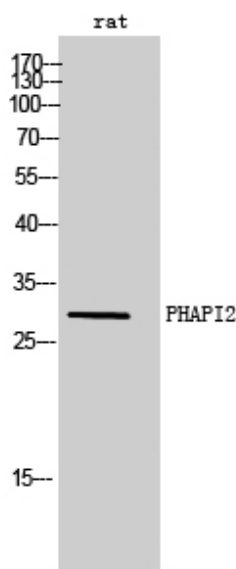
matters needing attention

Avoid repeated freezing and thawing!

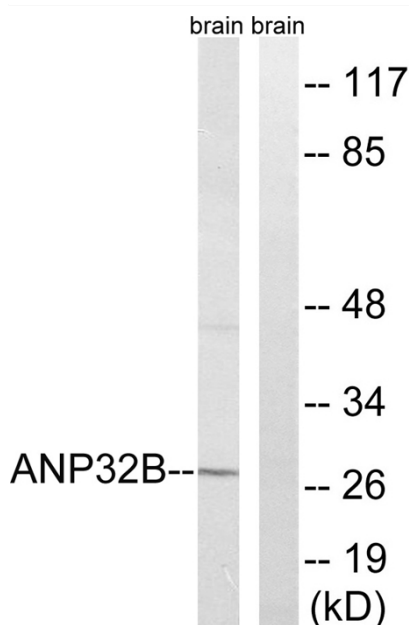
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

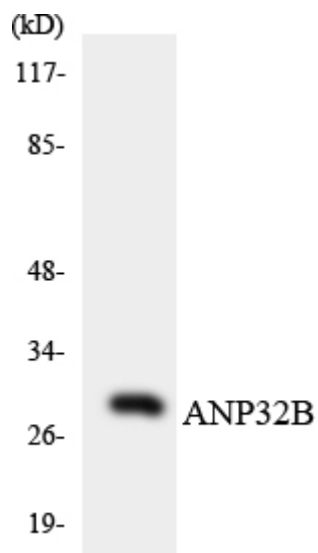
Products Images



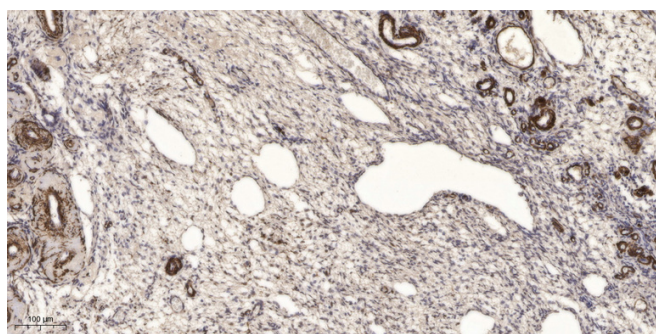
Western Blot analysis of rat cells using PHAPI2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western blot analysis of lysates from rat brain cells, using ANP32B Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using ANP32B antibody.



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).