

## ARG40888 anti-ANP32A / PHAP1 antibody

Package: 100 µl

Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ANP32A / PHAP1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ANP32A / PHAP1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-170 of Human ANP32A (NP_006296.1).
Conjugation	Un-conjugated
Alternate Names	Putative HLA-DR-associated protein I; Potent heat-stable protein phosphatase 2A inhibitor I1PP2A; Mapmodulin; pp32; PHAPI; C15orf1; PP32; I1PP2A; PHAP1; Acidic nuclear phosphoprotein pp32; LANP; Acidic leucine-rich nuclear phosphoprotein 32 family member A; HPPCn; MAPM; Leucine-rich acidic nuclear protein

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Raji	
Observed Size	28 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

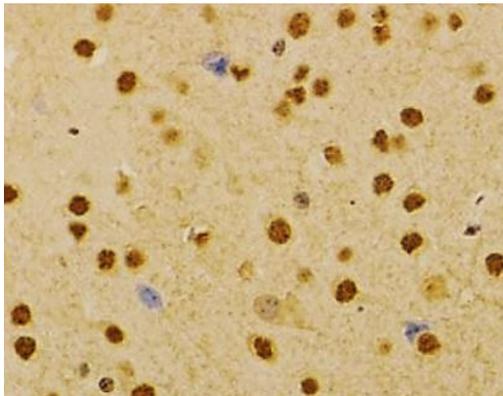
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	ANP32A
Gene Full Name	acidic (leucine-rich) nuclear phosphoprotein 32 family, member A
Function	Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase-independent apoptosis, suppression of transformation (tumor suppressor), inhibition of protein phosphatase 2A, regulation of mRNA trafficking and stability in association with ELAVL1, and inhibition of acetyltransferases as part of the INHAT (inhibitor of histone acetyltransferases) complex. Plays a role in E4F1-mediated transcriptional repression. [UniProt]
Calculated Mw	29 kDa
PTM	Phosphorylated on serine residues.  The N-terminus is blocked.  Some glutamate residues are glycosylated by TTLL8. This modification occurs exclusively on glutamate residues and results in a glycine chain on the gamma-carboxyl group (By similarity). [UniProt]
Cellular Localization	Cytoplasm, Endoplasmic reticulum, Nucleus. [UniProt]

## Images



ARG40888 anti-ANP32A / PHAP1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue stained with ARG40888 anti-ANP32A / PHAP1 antibody at 1:100 dilution.



ARG40888 anti-ANP32A / PHAP1 antibody WB image

Western blot: 25 ug of Raji cell lysate stained with ARG40888 anti-ANP32A / PHAP1 antibody at 1:1000 dilution.