

Datasheet for ABIN6136909
anti-PHAP1 antibody (AA 1-170)

28 Images

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Overview

Quantity:	100 µL
Target:	PHAP1 (ANP32A)
Binding Specificity:	AA 1-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human ANP32A (NP_006296.1).
Sequence:	MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKLEKLE LSDNRVSGGL EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPSDA EGYVEGLDDE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PHAP1 (ANP32A)
Alternative Name:	ANP32A (ANP32A Products)
Background:	<p>Multifunctional protein that is involved in the regulation of many processes including tumor suppression, apoptosis, cell cycle progression or transcription. Promotes apoptosis by favouring the activation of caspase-9/CASP9 and allowing apoptosome formation. In addition, plays a role in the modulation of histone acetylation and transcription as part of the INHAT (inhibitor of histone acetyltransferases complex. Inhibits the histone-acetyltransferase activity of EP300/CREBBP (CREB-binding protein and EP300/CREBBP-associated factor by histone masking. Preferentially binds to unmodified histone H3 and sterically inhibiting its acetylation and phosphorylation leading to cell growth inhibition. Participates in other biochemical processes such as regulation of mRNA nuclear-to-cytoplasmic translocation and stability by its association with ELAVL1 (Hu-antigen R. Plays a role in E4F1-mediated transcriptional repression as well as inhibition of protein phosphatase</p> <p>2A,,ANP32A,C15orf1,HPPCn,I1PP2A,LANP,MAPM,PHAP1,PHAPI,PP32,Cancer,Tumor suppressors,Cell Biology & Developmental Biology,Apoptosis,Caspases,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,ANP32A</p>
Molecular Weight:	28 kDa
Gene ID:	8125
UniProt:	P39687

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

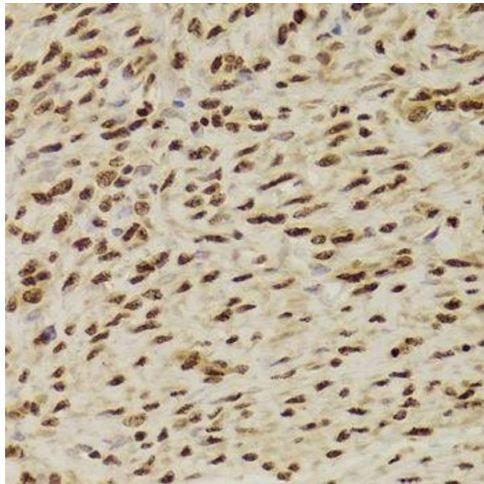
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C

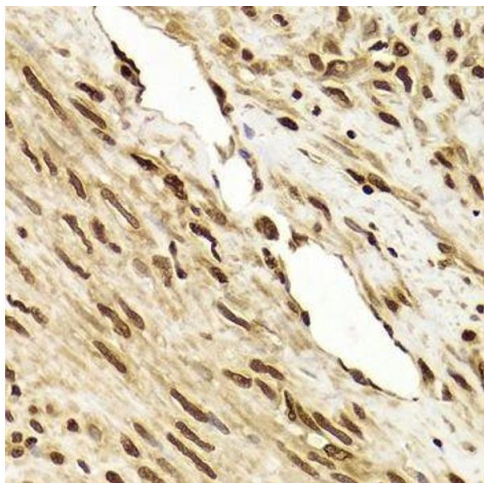
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



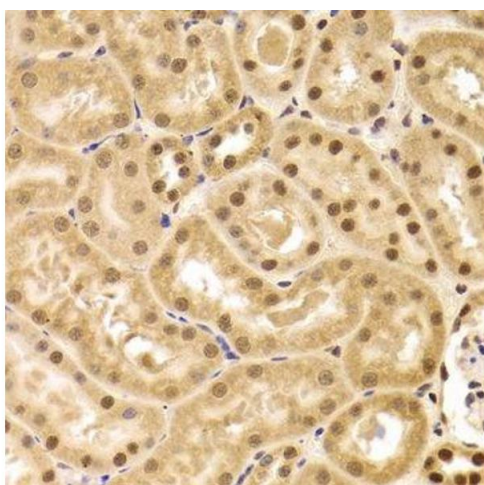
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded human adenomyosis using ANP32A Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human leiomyoma of uterus using ANP32A Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse kidney using ANP32A Antibody.

Please check the [product details page](#) for more images. Overall 28 images are available for ABIN6136909.