

For Research Use Only

UBAP1 Monoclonal antibody

Catalog Number: 66993-1-Ig



Basic Information

Catalog Number: 66993-1-Ig	GenBank Accession Number: BC020950	Purification Method: Protein G purification
Size: 150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51271	CloneNo.: 2A6A2
Source: Mouse	Full Name: ubiquitin associated protein 1	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Isotype: IgG1	Calculated MW: 502 aa, 55 kDa	
Immunogen Catalog Number: AG17675	Observed MW: 55 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells

IHC : human heart tissue, human lung cancer tissue

Background Information

UBAP1, also named as NAG20, is a 55 kDa protein which contains 2 putative tandem UBA domains at the C terminus, a coiled-coil domain, 2 possible N-glycosylation sites, 5 PKC phosphorylation sites, 7 casein kinase II phosphorylation sites, and 3 N-myristoylation sites. UBAP1 might be a potential effective diagnosis candidate for NPC and decreased expression of UBAP1 protein is a possible point of dysfunction along the pathogenesis pathway for NPC that may contribute to malignant transformation.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

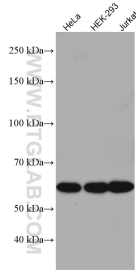
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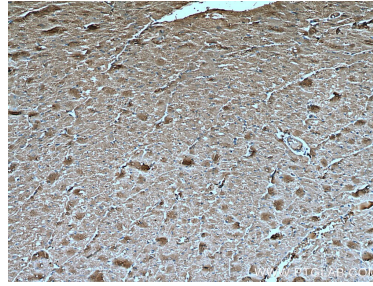
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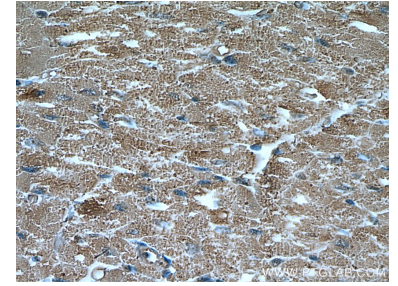
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66993-1-Ig (UBAP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66993-1-Ig (UBAP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66993-1-Ig (UBAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).