

For Research Use Only

# UBAP1 Polyclonal antibody

Catalog Number: 12385-1-AP

Featured Product

17 Publications



## Basic Information

### Catalog Number:

12385-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3055

### GenBank Accession Number:

BC020950

### GeneID (NCBI):

51271

### UNIPROT ID:

Q9NZ09

### Full Name:

ubiquitin associated protein 1

### Calculated MW:

502 aa, 55 kDa

### Observed MW:

55 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2400

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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** : human heart tissue, A431 cells, human lung tissue, human spleen tissue, human testis tissue, mouse brain tissue, mouse lung tissue, mouse testis tissue, mouse thymus tissue, Y79 cells

**IP** : mouse brain tissue,

**IHC** : human lung cancer tissue, human heart tissue, human lung tissue

**IF/ICC** : A431 cells,

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yoshinori Takahashi	31519728	J Cell Biol	WB
Dmitri Kharitidi	26456826	Cell Rep	WB, IP
Jalal M Kazan	34761192	iScience	WB

## 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

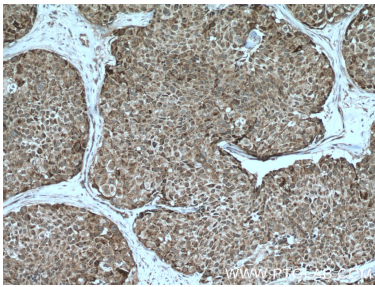
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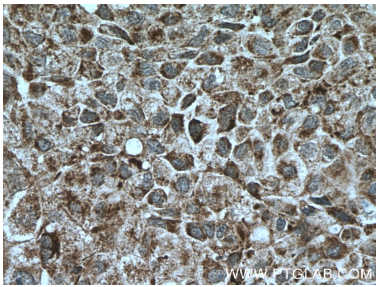
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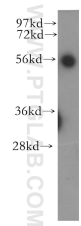
Selected Validation Data



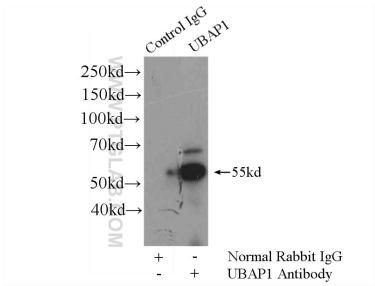
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12385-1-AP (UBAP1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



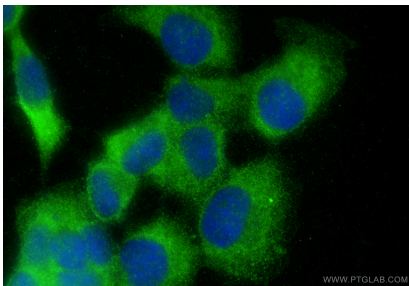
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12385-1-AP (UBAP1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human heart tissue were subjected to SDS PAGE followed by western blot with 12385-1-AP (UBAP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-UBAP1 (IP:12385-1-AP, 4ug; Detection:12385-1-AP 1:500) with mouse brain tissue lysate 4000ug.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using UBAP1 antibody (12385-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).