

UBAP1 Polyclonal antibody

Catalog Number: 12385-1-AP

Featured Product

15 Publications

Basic Information

Catalog Number:

12385-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3055

GenBank Accession Number:

BC020950

GeneID (NCBI):

51271

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 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

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: 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: HeLa 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

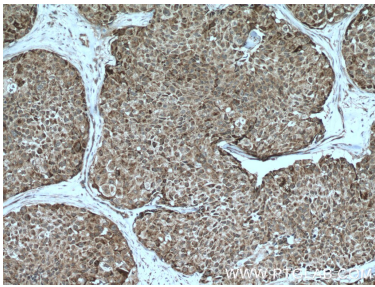
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

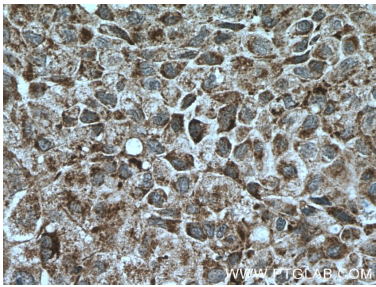
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

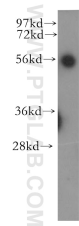
Selected Validation Data



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).



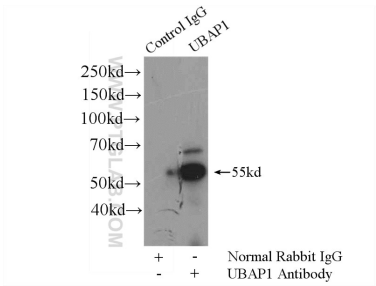
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12385-1-AP (UBAP1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.



Immunofluorescent analysis of Hela cells, using UBAP1 antibody 12385-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



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