

For Research Use Only

# UBAC1 Monoclonal antibody

Catalog Number: 67385-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 67385-1-Ig	<b>GenBank Accession Number:</b> BC004967	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul, Concentration: 2100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10422	<b>CloneNo.:</b> 2A3G7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BSL1	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Full Name:</b> UBA domain containing 1	
<b>Immunogen Catalog Number:</b> AG13958	<b>Calculated MW:</b> 405 aa, 45 kDa	
	<b>Observed MW:</b> 46 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, ColP	<b>WB :</b> LNCaP cells, HeLa cells, Jurkat cells, K-562 cells, pig brain tissue, mouse brain tissue, rabbit brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat, pig, rabbit	<b>IF/ICC :</b> HeLa cells,
<b>Cited Species:</b> human	

## Background Information

UBAC1(Ubiquitin-associated domain-containing protein 1) is also named as GBDR1, KPC2, UBADC1. It has several putative phosphorylation sites, including 8 CK2 (see 115440) sites, as well as 1 N-glycosylation site and 2 N-myristoylation sites(PMID:10857748). It is required for poly-ubiquitination and proteasome-mediated degradation of CDKN1B during G1 phase of the cell cycle.Northern blot analysis shows UBAC1 expression with the highest levels in heart and skeletal muscle and lowest level in lung.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hanqi Li	38479395	Cell Host Microbe	WB,ColP

## Storage

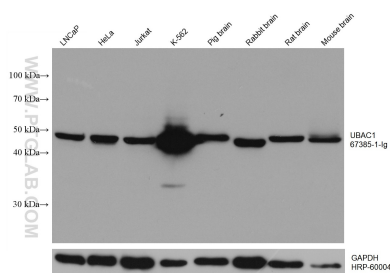
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1%BSA

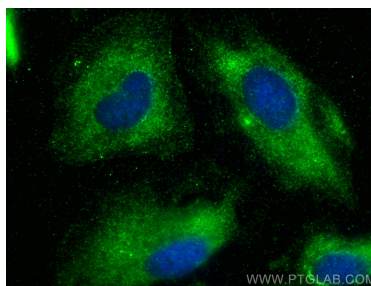
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67385-1-Ig (UBAC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using UBAC1 antibody (67385-1-Ig, Clone: 2A3G7) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).