

For Research Use Only

UBAC1 Monoclonal antibody

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



Basic Information

Catalog Number: 67385-1-Ig	GenBank Accession Number: BC004967	Purification Method: Protein G purification
Concentration: 1000 ug/ml	GeneID (NCBI): 10422	CloneNo.: 2A3G7
Source: Mouse	UNIPROT ID: Q9BSL1	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: UBA domain containing 1	
Immunogen Catalog Number: AG13958	Calculated MW: 405 aa, 45 kDa Observed MW: 46 kDa	

Applications

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

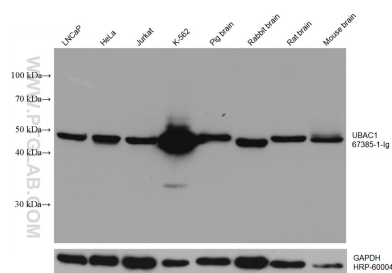
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

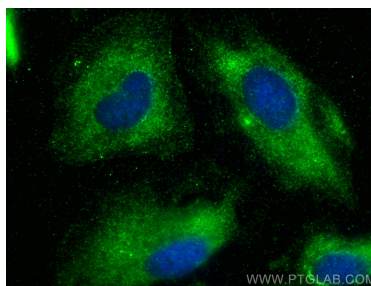
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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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).