

For Research Use Only

UBAC1 Polyclonal antibody

Catalog Number: 19844-1-AP



Basic Information

Catalog Number: 19844-1-AP	GenBank Accession Number: BC004967	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10422	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BSL1	
Isotype: IgG	Full Name: UBA domain containing 1	
Immunogen Catalog Number: AG13887	Calculated MW: 405 aa, 45 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, rat liver tissue, mouse heart tissue, rat brain tissue, rat heart tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human heart tissue,

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. This antibody is specific to UBAC1.

Storage

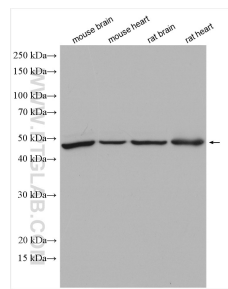
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

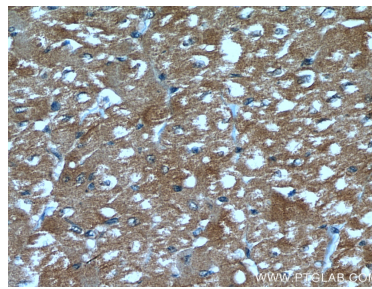
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19844-1-AP (UBAC1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 19844-1-AP (UBAC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).