

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 |
| Size: 2100 µg/ml | GeneID (NCBI): 10422 | CloneNo.: 2A3G7 |
| Source: Mouse | UNIPROT ID: Q9BSL1 | Recommended Dilutions: WB 1:5000-1:50000 |
| 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, 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 |
| 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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

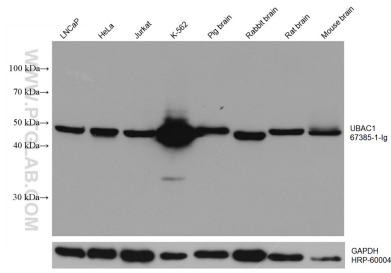
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Selected Validation Data



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.