For Research Use Only

OMA1 Monoclonal antibody

Catalog Number:67449-1-lg 1 Publications

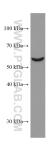


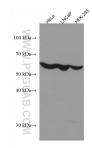
| Basic Information | Catalog Number: | GenBank Accession Nu | | Purification Method: Protein G purification | |
|------------------------|---|---|---|--|--|
| | 67449-1-lg Size: | BC012915 GeneID (NCBI): | CloneNo.: | unncation | |
| | 1900 µg/ml | 115209 | 1H4D12 | | |
| | Source: Mouse | UNIPROT ID: Q96E52 | Recommen WB 1:1000- | ded Dilutions: 1:5000 | |
| | lsotype: lgG1 Immunogen Catalog Number: | Full Name: OMA 1 homolog, zinc metallopeptidase (S. cerevisiae) | | | |
| | AG11201 | Calculated MW: 524 aa, 60 kDa | | | |
| | | Observed MW: 60 kDa | | | |
| Applications | Tested Applications: WB, ELISA | | Positive Controls: WB : NIH/3T3 cells, HeLa cells, Jurkat cells, LNCaP cells, HEK-293 cells | | |
| | Cited Applications: WB | | | | |
| | Species Specificity: Human, Mouse | | | | |
| | Cited Species: human | | | | |
| Background Information | OMA1(Overlapping with the m-AAA protease 1 homolog) is also named as MPRP1(Metalloprotease-related protei 1) and belongs to the peptidase M48 family.It is a zinc metalloprotease that spans the inner mitochondrial membrane with a number of predicted membrane spanning domains and the 60 kDa form of OMA1 rapidly accumulated concomitantly with the cleavage of all OPA1 variants,and the 40 kDa form of OMA1 may be the inactive form, with the 60 kDa form being the active enzyme(PMID:20334834) | | | | |
| Notable Publications | Author | Pubmed ID Journ | al | Application | |
| | Magda Krakowczyk | 39488374 Metho | ods Enzymol | WB | |
| Storage | Storage: Store at -20°C. Storage Buffer: PBS with 0.02% sodium azide an | d 50% glycerol pH 7.3. | | | |

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

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Selected Validation Data





NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 67449-1-1g (OMA1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. Various lysates were subjected to SDS PAGE followed by western blot with 67449-1-1g (OMA1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.