For Research Use Only

OMA1 Monoclonal antibody

Catalog Number:67449-1-lg 1 Publications

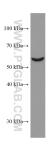


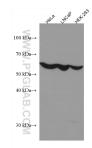
Basic Information	Catalog Number:	GenBank Accession Nu		Purification Method: Protein G purification	
	67449-1-lg Size:	BC012915 GeneID (NCBI):	CloneNo.:	unncation	
	1900 µg/ml	115209	1H4D12		
	Source: Mouse	UNIPROT ID: Q96E52	Recommen WB 1:1000-	ded Dilutions: 1:5000	
	lsotype: lgG1 Immunogen Catalog 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.