

For Research Use Only

PAM16 Polyclonal antibody

Catalog Number: 15321-1-AP **3 Publications**



Basic Information

Catalog Number: 15321-1-AP	GenBank Accession Number: BC005024	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51025	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: mitochondria-associated protein involved in granulocyte-macrophage colony-stimulating factor signal transduction	
Isotype: IgG	Calculated MW: 14 kDa	
Immunogen Catalog Number: AG0970	Observed MW: 14 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells,
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

PAM16, also named as Magmas, TIM16 and TIMM16, is regulates ATP-dependent protein translocation into the mitochondrial matrix. The MW of PAM16 is about 14-16 kDa in WB detection. PAM16 is a component of the PAM complex at least composed of a mitochondrial HSP70 protein, GRPEL1 or GRPEL2, TIMM44, TIMM16/PAM16 and TIMM14/DNAJC19.

Notable Publications

Author	Pubmed ID	Journal	Application
Jonas Benjamin Michaelis	36056001	Nat Commun	WB
Kaijun Di	30414099	J Neurooncol	IHC
Dingbang Huang	38091880	Redox Biol	WB

Storage

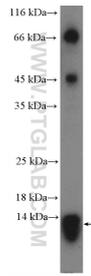
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



HepG2 cells were subjected to SDS PAGE followed by western blot with 15321-1-AP (PAM16 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.