

For Research Use Only

BMF Polyclonal antibody

Catalog Number: 18298-1-AP **3 Publications**



Basic Information

Catalog Number: 18298-1-AP	GenBank Accession Number: BC069505	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 90427	Recommended Dilutions: WB 1:200-1:800
Source: Rabbit	Full Name: Bcl2 modifying factor	
Isotype: IgG	Calculated MW: 21 kDa	
	Observed MW: 24 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : human placenta tissue, HEK-293 cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

BMF belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities such as central regulators of apoptotic cell death. BMF contains a single BCL2 homology domain 3 (BH3), and has been shown to bind BCL2 proteins and function as an apoptotic activator. This protein is found to be sequestered to myosin V motors by its association with dynein light chain 2, which may be important for sensing intracellular damage and triggering apoptosis. Alternatively spliced transcript variants encoding different isoforms have been identified. BMF is widely expressed in tissues such as pancreas, liver and kidney, and in hematopoietic tissues.

Notable Publications

Author	Pubmed ID	Journal	Application
Yu Guohua G	23133614	PLoS One	WB
Kaiqin Ye	32620849	Nat Commun	WB
Feng Xu	35280673	Int J Biol Sci	WB

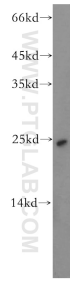
Storage

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

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)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 18298-1-AP (BMF antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.