

For Research Use Only

# BMF Polyclonal antibody

Catalog Number: 18298-1-AP

Featured Product

4 Publications



## Basic Information

**Catalog Number:**

18298-1-AP

**Size:**

150ul, Concentration: 300 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC069505

**GeneID (NCBI):**

90427

**UNIPROT ID:**

Q96LC9

**Full Name:**

Bcl2 modifying factor

**Calculated MW:**

21 kDa

**Observed MW:**

24 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

human, mouse

**Positive Controls:**

IP: HEK-293 cells,

## Background Information

BMF belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or proapoptotic 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

\*\*\* 20ul sizes contain 0.1% BSA

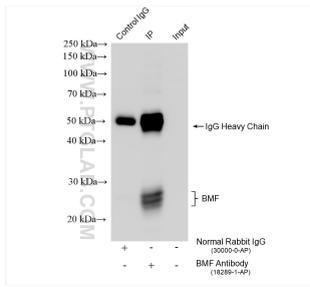
For technical support and original validation data for this product please contact:

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## Selected Validation Data



IP result of anti-BMF (IP:18298-1-AP, 4 $\mu$ g;  
Detection:18298-1-AP 1:1000) with HEK-293 cells  
lysate 1800  $\mu$ g.