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Datasheet for ABIN6990402 **anti-BMF antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	BMF
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Bmf antibody was raised with a synthetic peptide corresponding to 15 amino acids near the amino terminus of human Bmf. The immunogen is located within the first 50 amino acids of Bmf.
Isotype:	IgG
Purification:	Bmf Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BMF
Alternative Name:	Bmf (BMF Products)
Background:	Bmf Antibody: Apoptosis is related to many diseases and development. Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2

Target Details

homology 3 (BH3) domain is a potent death domain. BH3-only proteins, including Bad, Bid, Bik, Hrk, Bim, Noxa, and PUMA, form a growing subclass of the Bcl-2 family. A novel BH3-only protein was recently identified in human and mouse and designated Bmf (for Bcl-2-modifying factor). The BH3 domain in Bmf is required both for binding to Bcl-2 proteins and for triggering apoptosis. In healthy cells, Bmf associates with the dynein light chain 2 (DLC2) component of the myosin V motors and is sequestered by the cell's actin cytoskeleton. Disruption of the actin cytoskeleton, either by depolymerization of actin filaments or by detachment of cells from the extracellular matrix, triggers release and activation of Bmf, initiating the downstream apoptotic program. Bmf is constitutively expressed in many tissues.

Molecular Weight: Predicted: 20 kDa

Observed: 22 kDa

Gene ID: 90427

NCBI Accession: [NP_277038](#)

UniProt: [Q96LC9](#)

Application Details

Application Notes: Bmf antibody can be used for detection of Bmf by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Bmf Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C, 4 °C
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Storage Comment:	Bmf antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
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