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Anti-Protein lifeguard 2 FAIM2 Antibody

Catalog Number: A04900-1

About FAIM2

Programmed cell death regulates a number of biological processes such as normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. FAIM2 is a recently identified protein that can inhibit the apoptotic signal transduced by the Fas receptor but not from the related tumor necrosis factor-alpha death signal. In this respect, FAIM2 is functionally similar to the anti-apoptotic proteins FAIM, FLIP and Bcl-xL. FAIM2, a seven membrane spanning protein, can bind the Fas receptor but does not regulate Fas expression or inhibit binding of FADD to Fas. FAIM2 is widely distributed, but highly expressed in the hippocampus and other neural tissues. FAIM2 was also identified as the neural membrane protein 35 (NMP35) and its expression is known to be regulated by the Phosphatidylinositol 3-kinase-Akt/PKB pathway.

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Overview

Product Name	Anti-Protein lifeguard 2 FAIM2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Protein lifeguard 2 FAIM2 Antibody (Catalog # A04900-1). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	FAIM2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	FAIM2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9BWQ8

Technical Details

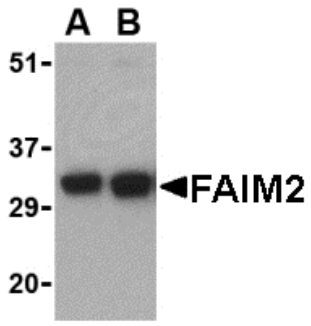
Immunogen	FAIM2 antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human FAIM2. The immunogen is located within the first 50 amino acids of FAIM2.

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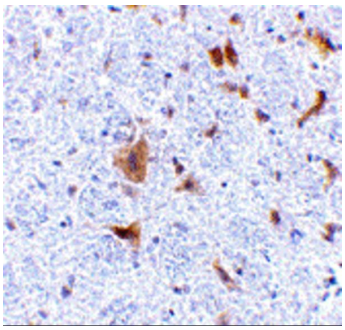
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	FAIM2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FAIM2 antibody can be used for detection of FAIM2 by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in mouse samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Protein lifeguard 2 FAIM2 Antibody (A04900-1) Images



Western blot analysis of FAIM2 in EL4 cell lysate with FAIM2 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of FAIM2 in mouse brain tissue with FAIM2 antibody at 5 ug/mL.

Anti-Protein lifeguard 2 FAIM2 Antibody

For Research Use Only. Not for use in diagnostic procedures.