Datasheet for ABIN500148

anti-FAIM2 antibody (N-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	FAIM2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAIM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	LFG antibody was raised against a 16 amino acid peptide from near the amino terminus of human LFG.
Isotype:	IgG
Specificity:	This antibody detects FAIM2.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	FAIM2

Target Details

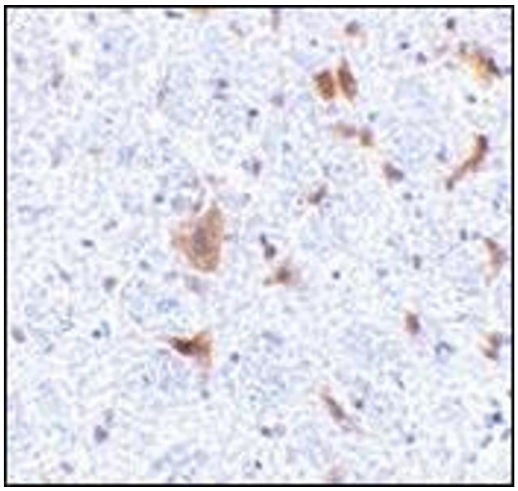
Alternative Name:	FAIM2 (FAIM2 Products)
Background:	Programmed cell death regulates a number of biological processes such as normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. LFG is a recently identified protein that can inhibit the apoptotic signal transduced by the Fas receptor but not from the related tumor necrosis factor-? death signal. In this respect, LFG is functionally similar to the anti-apoptotic proteins FAIM, FLIP and Bcl-xL. LFG, a seven membrane spanning protein, can bind the Fas receptor but does not regulate Fas expression or inhibit binding of FADD to Fas. LFG is widely distributed, but highly expressed in the hippocampus and other neural tissues. LFG 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.Synonyms: Fas apoptotic inhibitory molecule 2, KIAA0950, LFG, Protein lifeguard, TMBIM2, Transmembrane BAX inhibitor motif-containing protein 2
Gene ID:	23017
UniProt:	Q9BWQ8

Application Details

Application Notes:	ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

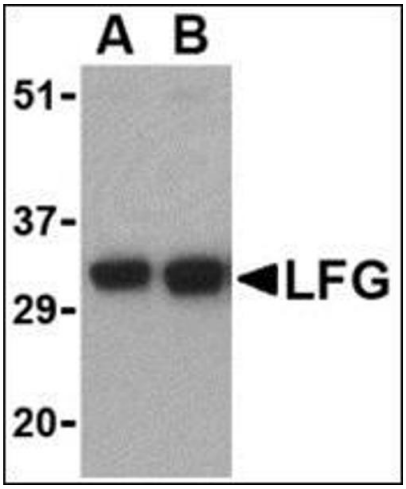
Handling

Buffer:	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 Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of LFG in mouse brain tissue with this product at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of LFG in EL4 cell lysate with this product at (A) 0.5 and (B) 1 µg/ml.

