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FAIM2 / LIFEGUARD Antibody (N-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS11457

Specification

FAIM2 / LIFEGUARD Antibody (N-Terminus) - Product Information

Application	**WB, IHC**
Primary Accession	Q9BWQ8
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**35kDa KDa**

FAIM2 / LIFEGUARD Antibody (N-Terminus) - Additional Information

Gene ID 23017

Other Names
Protein lifeguard 2, Fas apoptotic inhibitory molecule 2, Neural membrane protein 35, Transmembrane BAX inhibitor motif-containing protein 2, FAIM2, KIAA0950, LFG, LFG2, NMP35, TMBIM2

Target/Specificity
16 amino acid peptide from near the amino terminus of human LFG.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
FAIM2 / LIFEGUARD Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

FAIM2 / LIFEGUARD Antibody (N-Terminus) - Protein Information

Name FAIM2

Synonyms KIAA0950, LFG, LFG2, NMP35, TMBIM2

Function
Antiapoptotic protein which protects cells uniquely from Fas- induced apoptosis. Regulates Fas-mediated apoptosis in neurons by interfering with caspase-8 activation. May play a role in cerebellar development by affecting cerebellar size, internal granular layer (IGL) thickness, and Purkinje cell (PC) development.

Cellular Location
Cell membrane; Multi-pass membrane protein. Membrane raft Postsynaptic cell membrane

Tissue Location

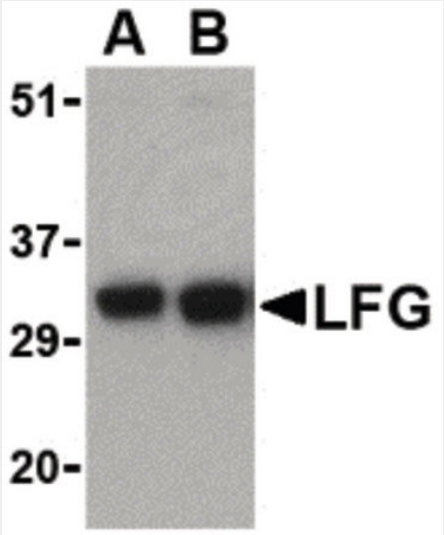
Highly expressed in breast carcinoma tissues. Enhanced expression correlates with the grade of the tumor (grade II/grade III) in primary breast tumors (at protein level). Widely expressed. Expressed at high levels in the brain especially in the hippocampus.

FAIM2 / LIFEGUARD Antibody (N-Terminus) - Protocols

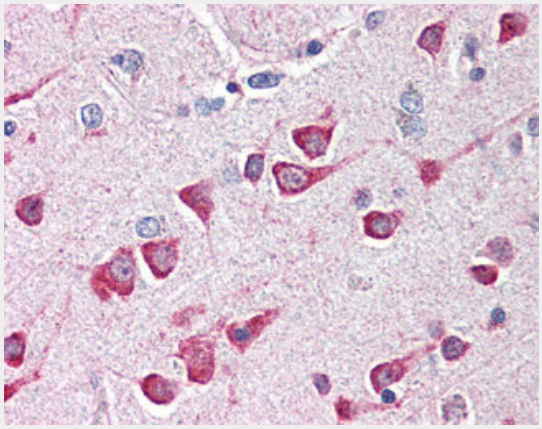
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FAIM2 / LIFEGUARD Antibody (N-Terminus) - Images



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



Anti-FAIM2 antibody IHC of human brain, cortex.

FAIM2 / LIFEGUARD Antibody (N-Terminus) - Background

Antiapoptotic protein which protects cells uniquely from Fas-induced apoptosis. Regulates Fas-mediated apoptosis in neurons by interfering with caspase-8 activation. May play a role in cerebellar development by affecting cerebellar size, internal granular layer (IGL) thickness, and Purkinje cell (PC) development.

FAIM2 / LIFEGUARD Antibody (N-Terminus) - References

Somia N.V.,et al.Proc. Natl. Acad. Sci. U.S.A. 96:12667-12672(1999).
Nagase T.,et al.DNA Res. 6:63-70(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.