

FAIM2 / LIFEGUARD Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11457**Specification**

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

Application	WB, IHC-P
Primary Accession	O9BWQ8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

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

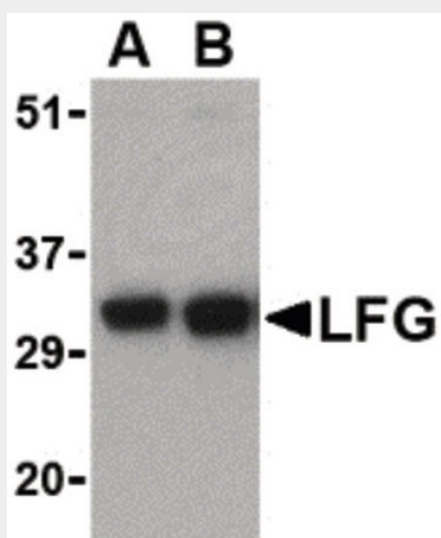
Tissue Location

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.

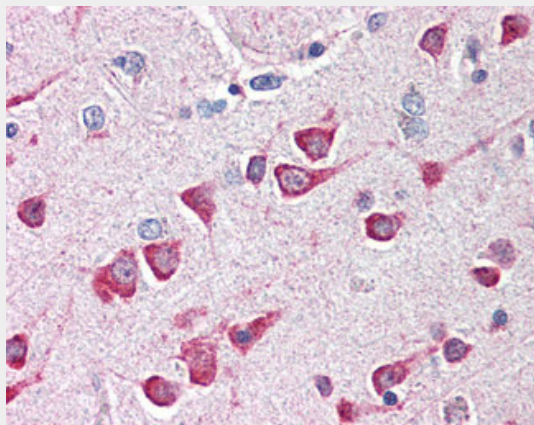
FAIM2 / LIFEGUARD Antibody (N-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.