

**FAIM2 / LIFE GUARD Antibody (aa1-50)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11915****Specification**

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**FAIM2 / LIFE GUARD Antibody (aa1-50) - Product Information**

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Application       | WB, IHC                                          |
| Primary Accession | <a href="#">O9BWQ8</a>                           |
| Reactivity        | Human, Mouse, Rat, Monkey, Chicken, Opossum, Dog |
| Host              | Rabbit                                           |
| Clonality         | Polyclonal                                       |
| Calculated MW     | 35kDa KDa                                        |

**FAIM2 / LIFE GUARD Antibody (aa1-50) - 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**

A portion of amino acids 1-50 of human Lifeguard

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

FAIM2 / LIFE GUARD Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

**FAIM2 / LIFE GUARD Antibody (aa1-50) - 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

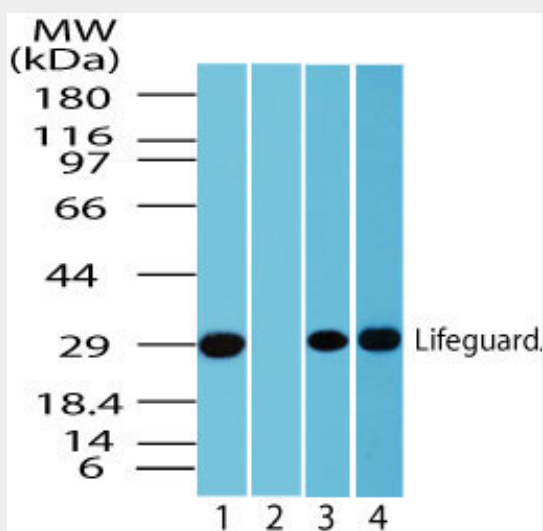
Highly expressed in breast carcinoma tissues. Enhanced expression correlates with the grade of the tumor (grade II/grade III) in primary breast tumors (at protein level). Widely expressed. Expressed at high levels in the brain especially in the hippocampus.

### FAIM2 / LIFEGUARD Antibody (aa1-50) - Protocols

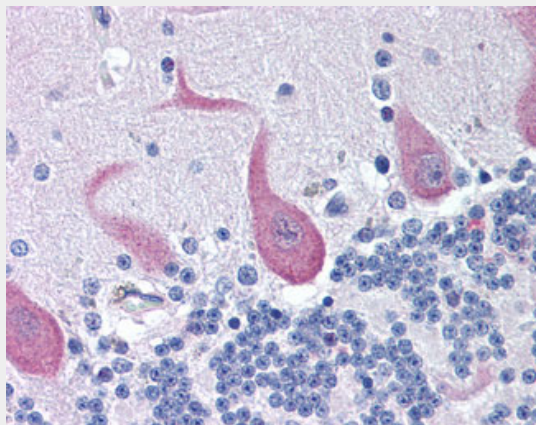
Provided below are standard protocols that you may find useful for product applications.

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

### FAIM2 / LIFEGUARD Antibody (aa1-50) - Images



Western blot of human Lifeguard in human brain lysate in the 1) absence and 2) presence of...



Anti-FAIM2 antibody IHC of human brain, cerebellum.

**FAIM2 / LIFE GUARD Antibody (aa1-50) - 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 / LIFE GUARD Antibody (aa1-50) - 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.