

FAIM2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16603c**Specification**

FAIM2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9BWQ8
Other Accession	NP_036438.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	76-105

FAIM2 Antibody (Center) - 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

This FAIM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-105 amino acids from the Central region of human FAIM2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FAIM2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FAIM2 Antibody (Center) - 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

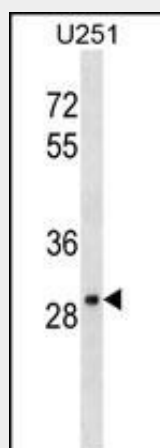
Highly expressed in breast carcinoma tissues. Enhanced expression correlates with the grade of the tumor (grade II/grade III) in primary breast tumors (at protein level). Widely expressed. Expressed at high levels in the brain especially in the hippocampus.

FAIM2 Antibody (Center) - 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 Antibody (Center) - Images



FAIM2 Antibody (Center) (Cat. #AP16603c) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the FAIM2 antibody detected the FAIM2 protein (arrow).

FAIM2 Antibody (Center) - Background

FAIM2 protects cells uniquely from Fas-induced apoptosis.

FAIM2 Antibody (Center) - References

Melen, E., et al. J. Allergy Clin. Immunol. 126(3):631-637(2010)

Bucan, V., et al. Cell. Mol. Biol. Lett. 15(2):296-310(2010)

Ng, M.C., et al. J. Clin. Endocrinol. Metab. 95(5):2418-2425(2010)

Li, S., et al. Am. J. Clin. Nutr. 91(1):184-190(2010)

Hotta, K., et al. J. Hum. Genet. 54(12):727-731(2009)

FAIM2 Antibody (Center) - Citations

- [FAIM2, as a novel diagnostic maker and a potential therapeutic target for small-cell lung cancer and atypical carcinoid.](#)