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Anti-FAIM2 Antibody

Catalog # AP59813

Product Information

Application	WB, IHC
Primary Accession	Q9BWQ8
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35110

Additional Information

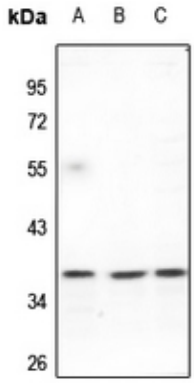
Gene ID	23017
Other Names	KIAA0950; LFG; LFG2; NMP35; TMBIM2; Protein lifeguard 2; Fas apoptotic inhibitory molecule 2; Neural membrane protein 35; Transmembrane BAX inhibitor motif-containing protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human FAIM2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

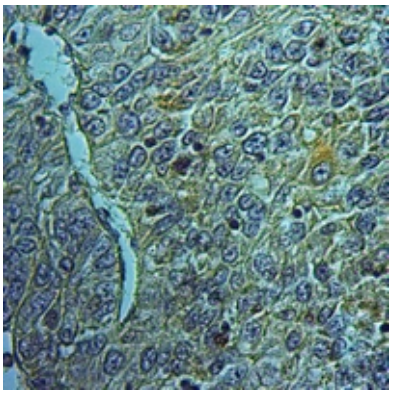
Name	FAIM2
Synonyms	KIAA0950, LFG, LFG2, NMP35, TMBIM2
Function	Antiapoptotic protein which protects cells uniquely from Fas- induced apoptosis. Regulates Fas-mediated apoptosis in neurons by interfering with caspase-8 activation. May play a role in cerebellar development by affecting cerebellar size, 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.

Images



Western blot analysis of FAIM2 expression in BV2 (A), U87MG (B), HEK293T (C) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 36 kD)



Immunohistochemical analysis of FAIM2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.