

Product datasheet for **TA306043**

FAIM2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	LFG antibody was raised against a 16 amino acid peptide from near the amino terminus of human LFG .
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Fas apoptotic inhibitory molecule 2
Database Link:	AAF06327 Entrez Gene 23017 Human Q9BWQ8



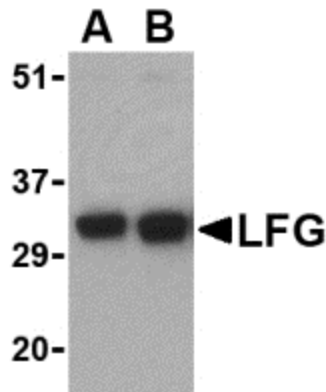
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Background:

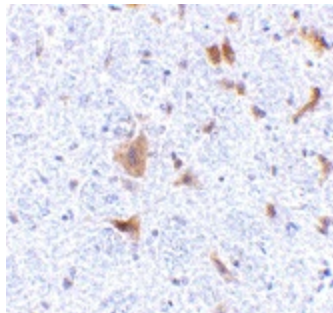
Programmed cell death regulates a number of biological processes such as normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. LFG is a recently identified protein that can inhibit the apoptotic signal transduced by the Fas receptor but not from the related tumor necrosis factor- α death signal. In this respect, LFG is functionally similar to the anti-apoptotic proteins FAIM, FLIP and Bcl-xL. LFG, a seven membrane spanning protein, can bind the Fas receptor but does not regulate Fas expression or inhibit binding of FADD to Fas. LFG is widely distributed, but highly expressed in the hippocampus and other neural tissues. LFG was also identified as the neural membrane protein 35 (NMP35) and its expression is known to be regulated by the Phosphatidylinositol 3-kinase-Akt/PKB pathway.

Synonyms:

LFG; LFG2; NGP35; NMP35; TMBIM2

Product images:

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



Immunohistochemistry of LFG in mouse brain tissue with LFG antibody at 5 ug/ml.