

LFG Antibody

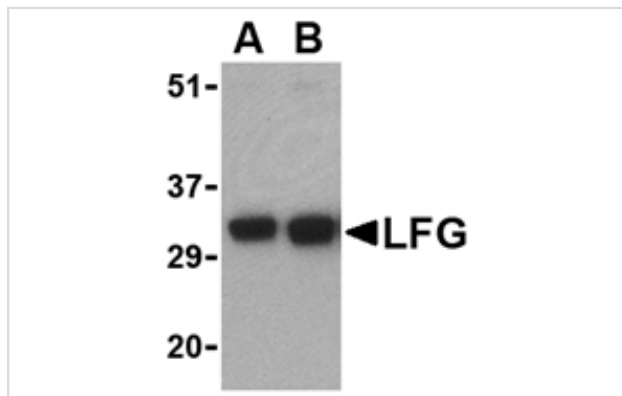
Catalog No: #24110

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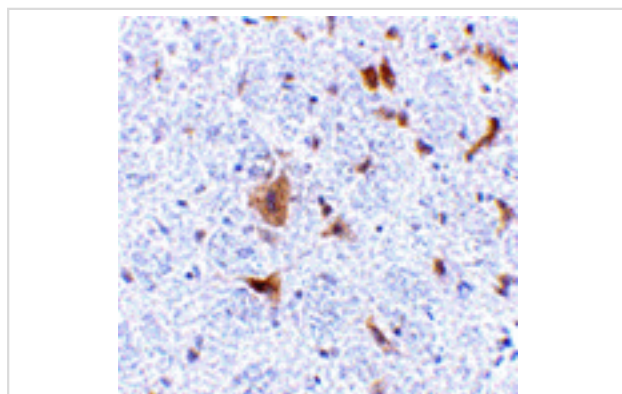
Description

Product Name	LFG Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the amino terminus of human LFG.
Target Name	LFG
Other Names	Lifeguard, Fas apoptotic inhibitory molecule2, FAIM2, NMP35
Accession No.	AAF06327
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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.

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-alpha 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.