

LFG2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253369

Unit: 0.1 mg

Description:

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. LFG2 (Lifeguard Protein 2) 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, LFG2 is functionally similar to the anti-apoptotic proteins FAIM, FLIP and Bcl-xL. LFG2, a seven membrane spanning protein, can bind the Fas receptor but does not regulate Fas expression or inhibit binding of FADD to Fas. LFG2 is widely distributed, but highly expressed in the hippocampus and other neural tissues. LFG2 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.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

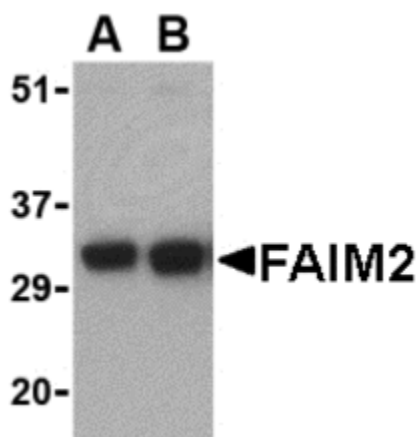
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: LFG; LFG2; TMBIM2; Protein lifeguard 2; Fas apoptotic inhibitory molecule 2; Neural membrane protein 35; Transmembrane BAX inhibitor motif-containing protein 2; FAIM2; NMP35

Accession No.: AAF06327

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human LFG2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500



Western blot analysis of LFG2 in EL4 cell lysate with LFG2 Antibody (Cat. No. 253369) at (A) 0.5 and (B) 1 μ g/mL.

Storage: Store at -20°C . Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.