

Product datasheet for TA323397

FAIM1 (FAIM) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 1:500-2000

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Full length fusion protein

Formulation: PBS pH7.3, 0.05% NaN3, 50% glycerol

Concentration: lot specific

Purification: Antigen affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 20 kDa

Gene Name: Fas apoptotic inhibitory molecule

Database Link: NP 001028202

Entrez Gene 23873 MouseEntrez Gene 140930 RatEntrez Gene 55179 Human

Q9NVQ4



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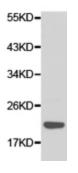


Background:

FAIM (Fas apoptosis inhibitory molecule) was identified as a protein that was inducibly expressed in B lymphocytes resistant to Fas-mediated apoptosis. Expression of FAIM inhibits receptor-mediated apoptosis in B cells as well as other cell types. FAIM is expressed in germinal center B cells, is positively regulated by IRF-4, and is also capable of inducing IRF-4 expression in a feed-forward mechanism. FAIM also regulates T cell receptor-mediated apoptosis by modulating Akt activation and Nur77 expression. Knockout mice for FAIM show an increased sensitivity to Fas-mediated apoptosis within B and T cells as well as hepatocytes. An alternatively spliced form of FAIM, termed FAIM-L, is found predominantly in the brain. In the nervous system, the originally identified FAIM does not appear to play a role in apoptosis, but rather can promote neurite outgrowth through the activation of Erk and NF-?B pathways. In contrast, FAIM-L does inhibit neuronal cell death triggered by death receptors.

Synonyms: FAIM1

Product images:



Predicted band size: 20 kDa. Positive control: 293 cell lysate. Recommended dilution: 1/500-2000. (Gel: 12%SDS-PAGE Lysate: 40 ug Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)