

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% NaN ₃ , 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 Mouse Entrez Gene 140930 Rat Entrez 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- κ 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)