



NFAM1 Polyclonal Antibody

Catalog No	BYab-05144
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	NFAM1 CNAIP
Protein Name	NFAT activation molecule 1 (Calcineurin/NFAT-activating ITAM-containing protein) (NFAT-activating protein with ITAM motif 1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	NFAM1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	29kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Partially recruited to lipid rafts upon BCR stimulation. .
Tissue Specificity	Highly expressed in neutrophils, primary monocytes, mast cells, monocytic cell lines and lymphocytes. Also expressed in spleen B and T-cells, and lung. Expressed at low level in non-immune tissue.
Function	domain:The ITAM domain displays no close similarity to any existing ITAMs, except for four conserved positions. The phosphorylated ITAM domain binds ZAP70 and SYK.,function:May function in immune system as a receptor which activates via the calcineurin/NFAT-signaling pathway the downstream cytokine gene promoters. Activates the transcription of IL-13 and TNF-alpha promoters. May be involved in the regulation of B-cell, but not T-cell, development. Overexpression activates downstream effectors without ligand binding or antibody cross-linking.,PTM:N-glycosylated.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 1 ITAM domain.,subcellular location:Partially recruited to lipid rafts upon BCR stimulation.,subunit:Interacts

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with ZAP70 and SYK. No direct interaction with the B-cell antigen receptor (BCR).,tissue specificity:Highly expressed in neutrophils,

Background

The protein encoded by this gene is a type I membrane receptor that activates cytokine gene promoters such as the IL-13 and TNF-alpha promoters. The encoded protein contains an immunoreceptor tyrosine-based activation motif (ITAM) and is thought to regulate the signaling and development of B-cells. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

