

NFAM1 Rabbit pAb

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Catalog # AP58047

Product Information

Primary Accession	Q8NET5
Reactivity	Human
Predicted	Rat, Pig, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29686
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NFAM1
Epitope Specificity	81-180/270
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Single-pass type I membrane protein. Note=Partially recruited to lipid rafts upon BCR stimulation.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	NFAM1 activates cytokine gene promoters such as the IL13 and TNF-alpha promoters. It contains an immunoreceptor tyrosine-based activation motif (ITAM) and is thought to regulate the signaling and development of B-cells.

Additional Information

Gene ID	150372
Other Names	NFAT activation molecule 1, Calcineurin/NFAT-activating ITAM-containing protein, NFAT-activating protein with ITAM motif 1, NFAM1, CNAIP
Dilution	Flow-Cyt=1 µg /test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

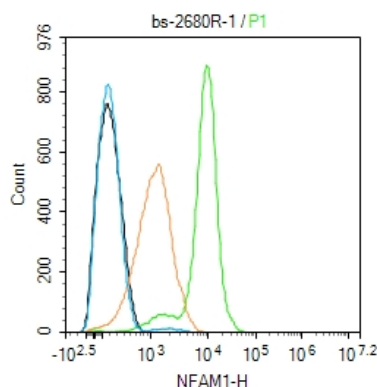
Name	NFAM1
Synonyms	CNAIP

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 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.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Note=Partially recruited to lipid rafts upon BCR stimulation.
Tissue Location	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.

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Images



Blank control:U937.
Primary Antibody (green line): Rabbit Anti-NFAM1 antibody (AP58047)

Dilution: 1ug/Test;

Secondary Antibody : Goat anti-rabbit IgG-AF488

Dilution: 0.5ug/Test.

Protocol

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.