

Immunotag™ NFAM1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0270
Product Description	Immunotag™ NFAM1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NFAM1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	NFAM1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NFAM1 CNAIP
Accession No.	Q8NET5 Q8R4V1
Description	NFAT activating protein with ITAM motif 1(NFAM1) Homo sapiens 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],

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Protein Expression	Spleen,T-cell,
Subcellular Localization	intracellular,plasma membrane,cell surface,integral component of membrane,membrane raft,
Protein Function	<p>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 with ZAP70 and SYK. No direct interaction with the B-cell antigen receptor (BCR).,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.,</p>
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.