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Product datasheet for TA319272

IL32 Rabbit Polyclonal Antibody

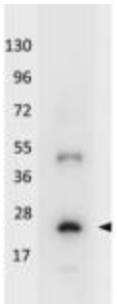
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000 - 1:50,000, WB: 1:1,000 - 1:5,000, IHC: 1:500 - 1:2,500
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL-32A protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Peroxidase
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 32
Database Link:	NP_001012649 Entrez Gene 9235 Human P24001
Synonyms:	IL-32alpha; IL-32beta; IL-32delta; IL-32gamma; NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd
Note:	IL-32A (also known as Natural killer cells protein 4, Tumor necrosis factor alpha-inducing factor, IL32a, Interleukin-32 and IL-32 isoform 4) is a member of the cytokine family. IL-32a is a secreted protein selectively expressed in lymphocytes and plays a role in innate and adaptive immune responses. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFa and IL-8. It induces typical cytokine pathways of NF-kB and p38 MAPK. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

View online »

Protein Families: Secreted Protein

Product images:



Western blot using HRP conjugated anti-Human IL-32A antibody shows detection of a band ~19 kDa in size corresponding to recombinant human IL-32A. The identity of the higher molecular weight band is unknown. Molecular weight markers are shown (left). After transfer, the membrane was blocked with 3% BSA in TBS followed by reaction with antibody at a 1:5,000 dilution for 30 min at room temperature. Detection occurred using TMB substrate.