

Rabbit anti-Human, Mouse IL1F8 Polyclonal Antibody | anti-IL1F8 antibody

IL1F8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323464	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

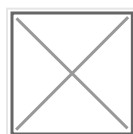
PRODUCT SYNONYMS

IL1F8; Polyclonal Antibody; IL1F8 Antibody; 2310043N20Rik; Family of interleukin 1 eta; FIL1 (ETA); FIL1; FIL1 eta; FIL1H; FIL1(ETA); IL 1F8 (FIL1 eta; IL 1F8; IL 1H2; IL-1 eta; IL-1F8; IL-1H2; IL1 ETA; IL1F8 (Canonical product IL 1F8a); IL1F8_HUMAN; IL1H2; IL36B; Interleukin 1 family; member 8 (eta); member 8; Interleukin 1 homolog 2; Interleukin 1 Superfamily e; Interleukin 36 beta; Interleukin-1 eta; Interleukin-1 family member 8; Interleukin-1 homolog 2; MGC126880; MGC126882; OTTMUSP00000012797; RP23-176J12.1; anti-IL1F8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	IL1F8 antibody detects endogenous levels of total IL1F8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	164
Applicable Applications for anti-IL1F8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IL1F8, corresponding to a region within C-terminal amino acids.

IMAGES



WB (Western Blot)

Western blot analysis of IL1F8 expression in A549 cell lysate with blocking peptide. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323464 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1F8 antibody	Function: Cytokine that binds to and signals through the IL1RL2/IL-36R receptor which in turn activates NF-kappa-B and MAPK signaling pathways in target cells linked to a pro-inflammatory response. Part of the IL-36 signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor IL1RAP. Stimulates production of interleukin-6 and interleukin-8 in synovial fibroblasts, articular chondrocytes and mature adipocytes. Induces expression of a number of antimicrobial peptides including beta-defensins 4 and 103 as well as a number of matrix metalloproteases. Seems to be involved in skin inflammatory response by acting on keratinocytes, dendritic cells and indirectly on T-cells to drive tissue infiltration, cell maturation and cell proliferation. In cultured keratinocytes induces the expression of macrophage, T-cell, and neutrophil chemokines, such as CCL3, CCL4, CCL5, CCL2, CCL17, CCL22, CL20, CCL5, CCL2, CCL17, CCL22, CXCL8, CCL20 and CXCL1, and the production of proinflammatory cytokines such as TNF-alpha, IL-8 and IL-6. Post-translational Modifications: N-terminal truncation leads to a dramatic enhancement of its activity (> 1000-fold). Similarity: Belongs to the IL-1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20070252
NCBI GeneID	27177
NCBI Accession #	NP_055253.2
NCBI GenBank Nucleotide #	NM_014438.4
UniProt Accession #	Q9NZH7; Q3MIH0; Q53SR6; Q7RTZ7; Q9UHA5
Molecular Weight	17 kDa
NCBI Official Full Name	interleukin-36 beta isoform 1
NCBI Official Synonym Full Names	interleukin 36 beta
NCBI Official Symbol	IL36B
NCBI Official Synonym Symbols	FIL1; FIL1H; IL1F8; IL1H2; IL-1F8; IL-1H2; IL1-ETA; FIL1-(ETA); FILI-(ETA)
NCBI Protein Information	interleukin-36 beta
UniProt Protein Name	Interleukin-36 beta
UniProt Gene Name	IL36B
UniProt Synonym Gene Names	IL1F8; IL1H2; IL-1 eta; IL-1F8; IL-1H2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il1f8-antibody-immunohistochemistry-western-blot-elisa/323464>