

Rabbit anti-Human, Mouse IL1F6 Polyclonal Antibody | anti-IL1F6 antibody

IL1F6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323463	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

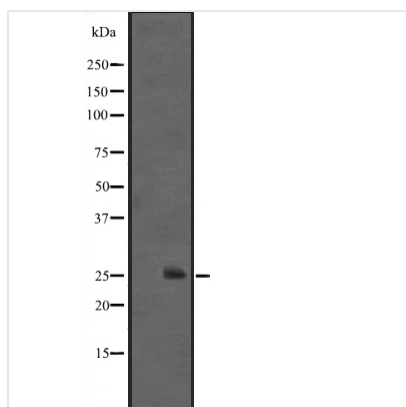
PRODUCT SYNONYMS

IL1F6; Polyclonal Antibody; IL1F6 Antibody; FIL1; FIL1 epsilon; FIL1(EPSILON); FIL1E; IL 1 epsilon; IL 1F6; IL 1H1; IL-1 epsilon; IL-1F6; IL1E; IL1F6_HUMAN; IL1RP2; IL36A; Interleukin 1 epsilon; Interleukin 1 family member 6 (epsilon); Interleukin 1 family member 6; Interleukin 36 alpha; Interleukin-1 epsilon; Interleukin-1 family member 6; MGC129552; MGC129553; MGC151479; MGC151481; OTTMUSP00000012798; RP23-176J12.4; anti-IL1F6 antibody

PRODUCT SPECIFICATIONS

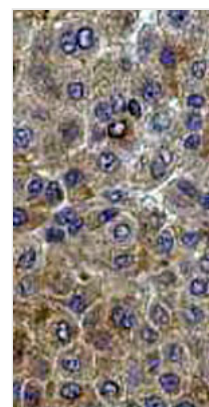
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	IL1F6 antibody detects endogenous levels of total IL1F6.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	158
Applicable Applications for anti-IL1F6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IL1F6, corresponding to a region within C terminal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



WB (Western Blot)

Western blot analysis of IL1F6 expression in HEK293 cells. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

at 1/100 staining Human Melanoma 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°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1F6 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. 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. In cultured monocytes upregulates expression of IL-1A, IL-1B and IL-6. In myeloid dendritic cells involved in cell maturation by upregulating surface expression of CD83, CD86 and HLA-DR. In monocyte-derived dendritic cells facilitates dendritic cell maturation and drives T-cell proliferation. May play a role in proinflammatory effects in the lung. Post-translational Modifications: N-terminal truncation leads to a dramatic enhancement of its activity (> 1000-fold). Similarity: Belongs to the IL-1 family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657092
NCBI GeneID	27179
NCBI Accession #	NP_055255.1
NCBI GenBank Nucleotide #	NM_014440.2
UniProt Accession #	Q9UHA7; Q53SR7; Q5BLR4; Q7RTZ8; B2RAD9
Molecular Weight	25kDa
NCBI Official Full Name	interleukin-36 alpha
NCBI Official Synonym Full Names	interleukin 36 alpha
NCBI Official Symbol	IL36A
NCBI Official Synonym Symbols	FIL1; FIL1E; IL1F6; IL-1F6; IL1(EPSILON); FIL1(EPSILON)
NCBI Protein Information	interleukin-36 alpha
UniProt Protein Name	Interleukin-36 alpha
UniProt Gene Name	IL36A
UniProt Synonym Gene Names	FIL1E; IL1E; IL1F6; IL-1 epsilon; IL-1F6

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/il1f6-antibody-immunohistochemistry-western-blot-elisa/323463>