

Rabbit anti-Human IL-37 Polyclonal Antibody | anti-IL-37 antibody

IL-37 Polyclonal Antibody

CATALOG # AAA78225	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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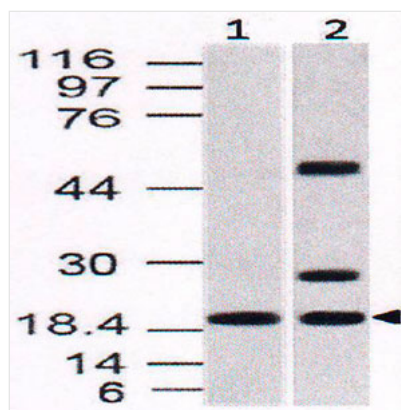
PRODUCT SYNONYMS

IL-37; Polyclonal Antibody; IL-37 Polyclonal Antibody; IL37; FIL1Z; IL1F7; IL1H4; IL1RP1; anti-IL-37 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Purified
Sequence Length	218
Applicable Applications for anti-IL-37 antibody	WB (Western Blot)
Antigen	IL-37
Immunogen	Full length recombinant IL-37 protein was used as the immunogen for this antibody.
Content	25ug in 50ul/100ug in 200ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Preparation and Storage	Store the antibody at 4 degree C. stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of IL-37. Anti-IL-37 antibody (AAA78225) was used at 2 ug/ml on (1) A549 and (2) HCT-116 lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-37 antibody	IL-37 (Interleukin-37) is a member of IL-1 family and is primarily an anti-inflammatory cytokine, which reduces systemic and local inflammation. There are five different splice variants of IL-37 termed IL-37a-e, where Isoform IL-37b is the largest isoform. IL-37 has significant sequence similarity with IL-18 and highly expressed in inflammatory tissues, which inhibits the excessive inflammatory response. The expression is highly induced by several toll-like receptor (TLR) ligands and pro-inflammatory cytokines such as IL-1 beta, TNF-alpha, IFN-gamma. IL-37 is a potent inhibitor of innate immunity by shifting the cytokine equilibrium away from excessive inflammation.
Product Categories/Family for anti-IL-37 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127524
NCBI GeneID	27178
NCBI Accession #	NP_055254.2
NCBI GenBank Nucleotide #	NM_014439.3
UniProt Accession #	Q9NZH6; Q56AP9; Q8TD04; Q8TD05; Q9HBF2; Q9HBF3; Q9UHA6; B5BU97
Molecular Weight	17,459 Da
NCBI Official Full Name	interleukin-37 isoform 1
NCBI Official Synonym Full Names	interleukin 37
NCBI Official Symbol	IL37
NCBI Official Synonym Symbols	FIL1; FIL1Z; IL-1H; IL-37; IL1F7; IL1H4; IL-1F7; IL-1H4; IL1RP1; IL-1RP1; FIL1(ZETA)
NCBI Protein Information	interleukin-37; FIL1 zeta; IL-1 zeta; IL-1F7b (IL-1H4, IL-1H, IL-1RP1); IL-1X protein; IL1F7 (canonical product IL-1F7b); interleukin 1 family member 7; interleukin 1, zeta; interleukin-1 homolog 4; interleukin-1 superfamily z; interleukin-1-related protein; interleukin-23
UniProt Protein Name	Interleukin-37
UniProt Gene Name	IL37
UniProt Synonym Gene Names	FIL1Z; IL1F7; IL1H4; IL1RP1; IL-1F7; IL-1H; IL-1H4; IL-1 zeta; IL-1RP1; IL-37
UniProt Entry Name	IL37_HUMAN

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.