

Rabbit anti-Human IL37 Polyclonal Antibody | anti-IL37 antibody

IL37 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174987	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

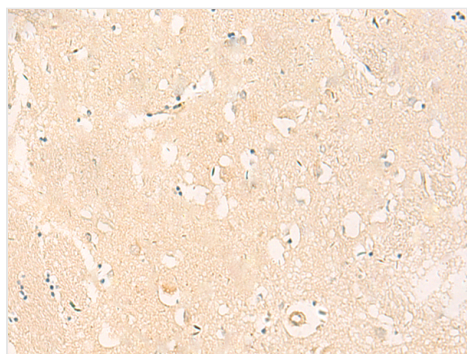
PRODUCT SYNONYMS

IL37; Polyclonal Antibody; IL37 Polyclonal Antibody; FIL1; FIL1 zeta; FIL1(ZETA); FIL1Z; IL 1 zeta; IL 1F7; IL 1F7b (IL 1H4; IL 1H; IL 1RP1); IL 1H4; IL 1RP1; IL 1X; IL 1X protein; IL-1 zeta; IL-1F7; IL-1H; IL-1H4; IL-1RP1; IL-1X; IL-37; IL1F7 (canonical product IL 1F7b); IL1F7; IL1H4; IL1RP1; Interleukin 1 family member 7; Interleukin 1 family; Member 7 (zeta); Interleukin 1 homolog 4; Interleukin 1 related protein; Interleukin 1 superfamily z; Interleukin 1 zeta; Interleukin 37; Interleukin-1 family member 7; Interleukin-1 homolog 4; Interleukin-1 zeta; Interleukin-1-related protein; Interleukin-23; anti-IL37 antibody

PRODUCT SPECIFICATIONS

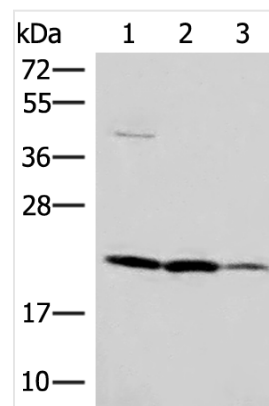
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.5mg/mL (varies by lot)
Sequence Length	192
Applicable Applications for anti-IL37 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human IL37
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using IL37 Polyclonal Antibody at dilution of 1:50(×200)



WB (Western Blot)

Western blot analysis of A549 HT29 and Raji cell lysates using IL37 Polyclonal Antibody at dilution of 1:650

ADDITIONAL INFORMATION

Related Product Information for anti-IL37 antibody	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. IL37 (Interleukin 37) is a Protein Coding gene. Diseases associated with IL37 include Rheumatoid Arthritis. Among its related pathways are Innate Immune System and Toll-Like receptor Signaling Pathways. GO annotations related to this gene include cytokine activity and interleukin-1 receptor binding. An important paralog of this gene is IL36G.
Product Categories/Family for anti-IL37 antibody	Cancer; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894302
NCBI GeneID	27178
NCBI Accession #	NP_775297.1
NCBI GenBank Nucleotide #	NP_775297.1
UniProt Accession #	Q9NZH6
Molecular Weight	24 kDa
NCBI Official Full Name	interleukin-37 isoform 5
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il37-antibody-immunohistochemistry-western-blot-elisa/174987>