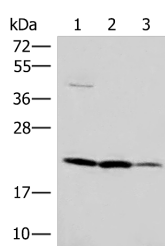


IL37 Polyclonal Antibody

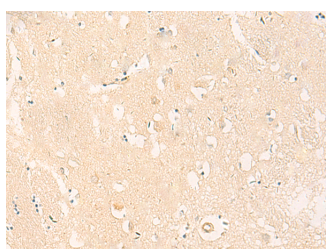
Catalog No.	E-AB-18110	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



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



Immunohistochemistry of paraffin-embedded Human brain tissue using IL37 Polyclonal Antibody at dilution of 1:50(x200)

Immunogen Information

Immunogen	Synthetic peptide of human IL37
Gene Accession	NP055254
Swissprot	Q9NZH6
Synonyms	FIL1Z,IL-1 zeta,IL-1F7,IL-1H,IL-1H4,IL-1RP1,IL-1X,IL-37,IL1F7,IL1F7,IL1H4,IL1RP1

Product Information

Calculated MW	24 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:20-1:100, ELISA 1:5000-1:10000

Background

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.