

Rabbit anti-Human IL6 Polyclonal Antibody | anti-IL6 antibody

Anti-human IL6 antibody

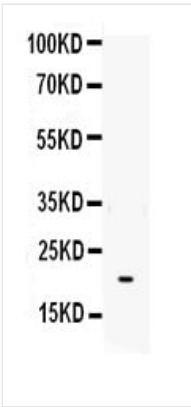
CATALOG # AAA44957	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

IL6; Polyclonal Antibody; Anti-human IL6 antibody; Interleukin-6(IL-6); interleukin 6(interferon; beta 2); Interleukin BSF 2 antibody; B cell differentiation factor antibody; B cell stimulatory factor 2 antibody; B-cell stimulatory factor 2 antibody; BSF 2 antibody; BSF-2 antibody; BSF2 antibody; CDF antibody; CTL differentiation factor antibody; Cytotoxic T cell differentiation factor antibody; Hepatocyte stimulating factor antibody; HGF antibody; HPGF antibody; HSF antibody; Hybridoma growth factor antibody; Hybridoma growth factor Interferon beta-2 antibody; Hybridoma plasmacytoma growth factor antibody; IFN-beta-2 antibody; IFNB2 antibody; IL 6 antibody; IL-6 antibody; IL6 antibody; IL6 protein antibody; Interferon beta 2 antibody; Interferon beta-2 antibody; Interleukin 6 (interferon beta 2) antibody; Interleukin 6 antibody; Interleukin-6 antibody; Interleukin6 antibody; anti-IL6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	212
Applicable Applications for anti-IL6 antibody	WB (Western Blot)
Immunogen	E Coli-derived human IL-6 recombinant protein (Position: P29-M212).
Contents	Each vial contains 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection Systems	We recommend Enhanced Chemiluminescent Kit with anti-Rabbit IgG (please inquire) for Western blot.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.



WB (Western Blot)

Figure. Western blot analysis of IL-6 using anti- IL-6 antibody (AAA44957).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.Lane : Recombinant Human IL-6 Protein 0.5ngAfter Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-IL-6 antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for IL-6 at approximately 20KD. The expected band size for IL-6 is at 20KD.

ADDITIONAL INFORMATION

Related Product Information for anti-IL6 antibody	Background: Interleukin-6(IL-6) is a protein that in humans is encoded by the IL6 gene. IL-6 is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. It is secreted by T cells and macrophages to stimulate immune response to trauma, especially burns or other tissue damage leading to inflammation. IL-6 is one of the most important mediators of fever and of the acute phase response. IL-6 is also essential for hybridoma growth and is found in many supplemental cloning media such as briclone. Bowcock et al.(1988) assigned the IL6 gene to chromosome 7p21. By in situ hybridization and Southern blot analysis of mouse-human hybrid cell lines, Sutherland et al.(1988) mapped the IL-6 gene to chromosome 7p15.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124347
NCBI GeneID	3569
UniProt Accession #	P05231; Q9UCU2; Q9UCU3; Q9UCU4
NCBI Official Full Name	Interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	HGF; HSF; BSF2; IL-6; IFNB2
NCBI Protein Information	interleukin-6; CDF; BSF-2; IFN-beta-2; interferon beta-2; interleukin BSF-2; interferon, beta 2; hybridoma growth factor; CTL differentiation factor; B-cell stimulatory factor 2; B-cell differentiation factor
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IFNB2; IL-6; BSF-2; CDF; IFN-beta-2
UniProt Entry Name	IL6_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/il6-antibody-western-blot-elisa/44957>