

Rabbit anti-Mouse IL-20 Polyclonal Antibody | anti-IL20 antibody

Anti-IL-20 Antibody, Rabbit Polyclonal

CATALOG # AAA254245	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

IL-20; Polyclonal Antibody; Anti-IL-20 Antibody; Rabbit Polyclonal; IL20 Antibody; Rabbit PAb; Antigen Affinity Purified; interleukin 20; Anti-Zcyto10 Antibody; anti-IL20 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse IL20
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IL20 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the mouse mIL20
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with A synthetic peptide corresponding to the center region of the mouse mIL20, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

IL20 was immunoprecipitated using: Lane A: 0.5 mg MCF-7 Whole Cell Lysate; Lane B: 0.5 mg K562 Whole Cell Lysate; 0.5 uL anti-IL20 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-IL20 rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 18 kDa. Observed band size: 20 kDa.



WB (Western Blot)

Anti-IL20 rabbit polyclonal antibody at 1:500 dilution. Lane A: K562 Whole Cell Lysate; Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 20 kDa. Observed band size: 18 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-IL20 antibody	IL20/Interleukin-20 belongs to the IL-10 family. It is a cytokine structurally related to interleukin 10. IL20/Interleukin-20 can be detected in skin, trachea, and other tissues. It is produced by activated keratinocytes and monocytes and transmits an intracellular signal through two distinct cell-surface receptor complexes on keratinocytes and other epithelial cells. It has been shown that interleukin-20 transduces its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. It may be involved in epidermal function and psoriasis. It also regulates the proliferation and differentiation of keratinocytes during inflammation, particularly inflammation associated with the skin. Also, IL20/Interleukin-20 also causes cell expansion of multipotential hematopoietic progenitor cells. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis.
References	Chen XY, et al. (2011) The association between the IL-20-1723CG allele on the 1q chromosome and psoriasis triggered or exacerbated by an upper respiratory tract infection in the Chinese Han population. Dermatology. 222(1):24-30.Baird AM, et al. (2011) IL-20 is epigenetically regulated in NSCLC and down regulates the expression of VEGF. Eur J Cancer. 47(12):1908-18.Logsdon NJ, et al. (2012) Purification, crystallization and preliminary X-ray diffraction analysis of the IL-20-IL-20R1-IL-20R2 complex. Acta Crystallogr Sect F Struct Biol Cryst Commun. 68(Pt 1):89-92.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946716
NCBI GeneID	58181
NCBI Accession #	NP_067355.1
NCBI GenBank Nucleotide #	NM_021380.1
UniProt Accession #	Q9JKV9
Molecular Weight	20,098 Da
NCBI Official Full Name	interleukin-20
NCBI Official Synonym Full Names	interleukin 20
NCBI Official Symbol	IL20
NCBI Official Synonym Symbols	Zcyto10
NCBI Protein Information	interleukin-20; IL-20; cytokine Zcyto10; four alpha helix cytokine ZCYTO10; four helix bundle cytokine 10
UniProt Protein Name	Interleukin-20
UniProt Gene Name	IL20
UniProt Synonym Gene Names	Zcyto10; IL-20
UniProt Entry Name	IL20_MOUSE

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/il-20-antibody-immunoprecipitation-western-blot-elisa/254245>