

Rabbit anti-Mouse, Rat CCL6 Polyclonal Antibody | anti-CCL6 antibody

Anti-CCL6 Antibody

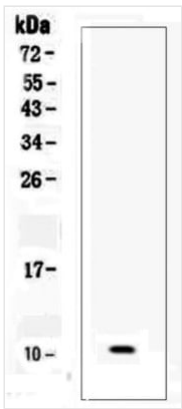
CATALOG # AAA124969	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CCL6; Polyclonal Antibody; Anti-CCL6 Antibody; C-C motif chemokine 6; Protein C10; Small-inducible cytokine A6; CCL6 (22-95); CCL6 (23-95); Ccl6; C10; Scya6; Chemokine (C-C motif) ligand 6; anti-CCL6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized; Each vial contains 4mg Trehalose , 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃
Sequence Length	116
Applicable Applications for anti-CCL6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse CCL6 recombinant protein (Position: G22-A116).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection Systems	It is recommended to use an Enhanced Chemiluminescent Kit with anti-Rabbit IgG () for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit () for IHC-P.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



WB (Western Blot)

Figure 1. Western blot analysis of CCL6 using anti-CCL6 antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. Lane 1: recombinant mouse CCL6 protein 1ng. After 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-CCL6 antigen affinity purified polyclonal antibody at 0.5 ug/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 CCL6 at approximately 11KD. The expected band size for CCL6 is at 11KD.

ADDITIONAL INFORMATION

Related Product Information for anti-CCL6 antibody	Description: Rabbit IgG polyclonal antibody for CCL6 detection. Tested with WB, IHC-P, ELISA (Cap) in Mouse; Rat. Background: Chemokine (C-C motif) ligand 6 (CCL6) is a small cytokine belonging to the CC chemokine family that has only been identified in rodents. In mice, CCL6 is expressed in cells from neutrophil and macrophage lineages, and can be greatly induced under conditions suitable for myeloid cell differentiation. It is highly expressed in bone marrow cultures that have been stimulated with the cytokine GM-CSF. Some low levels of gene expression also occur in certain cell lines of myeloid origin (e.g. the immature myeloid cell lines DA3 and 32D cl3, and the macrophage cell line P388D) that can also be greatly induced in culture with GM-CSF. However, in activated T cell lines, expression of CCL6 is greatly reduced. CCL6 can also be induced in the mouse lung by the cytokine interleukin 13. Mouse CCL6 is located on chromosome 11. The cell surface receptor for CCL6 is believed to be the chemokine receptor CCR1.
References	1. Orlofsky et al. Novel expression pattern of a new member of the MIP-1 family of cytokine-like genes. Cell Regul. 2 (5), 403-412 (1991). 2. Ma et al. The C10/CCL6 chemokine and CCR1 play critical roles in the pathogenesis of IL-13-induced inflammation and remodeling. J Immunol. 2004 Feb 1; 172 (3):1872-81.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677883
NCBI GeneID	20305
NCBI Accession #	NP_033165.1
NCBI GenBank Nucleotide #	NM_009139.3
UniProt Accession #	P27784; Q3U3W3; Q5QNW1; Q99M24; Q9D830
NCBI Official Full Name	C-C motif chemokine 6
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 6
NCBI Official Symbol	Ccl6
NCBI Official Synonym Symbols	c10; MRP-1; Scya6

NCBI Protein Information	C-C motif chemokine 6
UniProt Protein Name	C-C motif chemokine 6
UniProt Gene Name	Ccl6
UniProt Synonym Gene Names	C10; Scya6

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/ccl6-antibody-immunohistochemistry-western-blot-elisa/124969>