

Rabbit BCA1 Polyclonal Antibody | anti-CXCL13 antibody

Polyclonal Anti-BCA1 Picoband Antibody

CATALOG # AAA46644	HOST Rabbit	REACTIVITY Mouse No cross reactivity with other proteins.	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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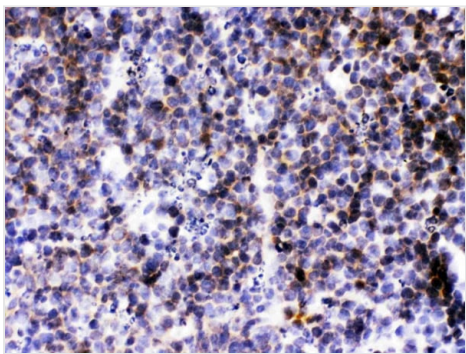
PRODUCT SYNONYMS

BCA1; Polyclonal Antibody; Polyclonal Anti-BCA1 Picoband Antibody; chemokine (C-X-C motif) ligand 13; C-X-C motif chemokine 13; anti-CXCL13 antibody

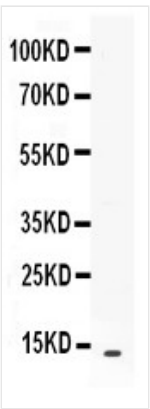
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	109
Applicable Applications for anti-CXCL13 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse BCA1 recombinant protein (Position: I22-A109). Mouse BCA1 shares 45.3% amino acid (aa) sequence identity with human BCA1.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	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.

IMAGES



IHC (Immunohistochemistry)
CXCL13/BLC was detected in paraffin-embedded sections of mouse lymphaden tissues using rabbit anti- CXCL13/BLC Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of CXCL13/BLC expression in recombinant mouse CXCL13/BLC protein 1ng (lane 1). CXCL13/BLC at 13KD was detected using rabbit anti- CXCL13/BLC Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCL13 antibody	Background: C-X-C motif chemokine 13 (CXCL13), also known as B cell-attracting chemokine 1 (BCA-1), is a protein that in humans is encoded by the CXCL13 gene. CXCL13 is a small cytokine belonging to the CXC chemokine family. Its gene is mapped to human chromosome 4 in a cluster of other CXC chemokines. This protein has contained 109 amino acids. It is expressed highly in the liver, spleen, lymph nodes and gut of humans. The protein induces chemotaxis of BLR1-expressing B cells.
References	1. Ansel, K. M., Harris, R. B. S., Cyster, J. G. CXCL13 is required for B1 cell homing, natural antibody production, and body cavity immunity. Immunity 16: 67-76, 2002. 2. Gunn MD, Ngo VN, Ansel KM, Ekland EH, Cyster JG, Williams LT (February 1998). "A B-cell-homing chemokine made in lymphoid follicles activates Burkitt's lymphoma receptor-1". Nature 391 (6669): 799-803. 3. Legler DF, Loetscher M, Roos RS, Clark-Lewis I, Baggiolini M, Moser B (February 1998). "B cell-attracting chemokine 1, a human CXC chemokine expressed in lymphoid tissues, selectively attracts B lymphocytes via BLR1/CXCR5". J. Exp. Med. 187 (4): 655-60.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9256521
NCBI GeneID	55985
NCBI Accession #	NP_061354.1
NCBI GenBank Nucleotide #	NM_018866.2
UniProt Accession #	O55038
Molecular Weight	11,927 Da
NCBI Official Full Name	C-X-C motif chemokine 13
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 13
NCBI Official Symbol	Cxcl13
NCBI Official Synonym Symbols	BLC; Angie; BCA-1; BLR1L; ANGIE2; Scyb13; 4631412M08Rik
NCBI Protein Information	C-X-C motif chemokine 13
UniProt Protein Name	C-X-C motif chemokine 13
UniProt Gene Name	Cxcl13

UniProt Synonym Gene Names	Blc; Scyb13
UniProt Entry Name	CXL13_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bca1-antibody-immunohistochemistry-western-blot-elisa/46644>