

Rabbit anti-Human CREB3L2 Polyclonal Antibody | anti-CREB3L2 antibody

Anti-CREB3L2 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128201	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

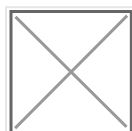
PRODUCT SYNONYMS

CREB3L2; Polyclonal Antibody; Anti-CREB3L2 Antibody Picoband; Cyclic AMP-responsive element-binding protein 3-like protein 2; cAMP responsive element binding protein 3 like 2; BBF2H7; cAMP-responsive element-binding protein 3-like protein 2; BBF2 human homolog on chromosome 7 [Cleaved into: Processed cyclic AMP-responsive element-binding protein 3-like protein 2]; anti-CREB3L2 antibody

PRODUCT SPECIFICATIONS

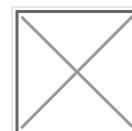
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-CREB3L2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CREB3L2, which shares 95.7% and 100% amino acid (aa) sequence identity with mouse and rat CREB3L2, respectively.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Cross Reactivity	No cross-reactivity with other proteins
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Figure 2. IHC analysis of CREB3L2 using anti-CREB3L2 antibody (AAA128201).CREB3L2 was detected in a paraffin-embedded section of human thyroid cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-CREB3L2 Antibody (AAA128201) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of CREB3L2 using anti-CREB3L2 antibody (AAA128201).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 30 ug of sample under reducing conditions.Lane 1: human HEL whole cell lysates,Lane 2: human HUVEC whole cell lysates,Lane 3: human K562 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA 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-CREB3L2 antigen affinity purified polyclonal antibody (AAA128201) 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 1:5000 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 CREB3L2 at approximately 60 kDa. The expected band size for CREB3L2 is at 57 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CREB3L2 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-CREB3L2 antibody	Primary Antibodies
References	1. Bejarano, P. A., Padhya, T. A., Smith, R., Blough, R., Devitt, J. J., Gluckman, J. L. Hyalinizing spindle cell tumor with giant rosettes--a soft tissue tumor with mesenchymal and neuroendocrine features: an immunohistochemical, ultrastructural, and cytogenetic analysis. Arch. Path. Lab. Med. 124: 1179-1184, 2000.2. Panagopoulos, I., Storlazzi, C. T., Fletcher, C. D. M., Fletcher, J. A., Nascimento, A., Domanski, H. A., Wejde, J., Brosjo, O., Rydholm, A., Isaksson, M., Mandahl, N., Mertens, F. The chimeric FUS/CREB3L2 gene is specific for low-grade fibromyxoid sarcoma. Genes Chromosomes Cancer 40: 218-228, 2004.3. Reid, R., de Silva, M. V. C., Paterson, L., Ryan, E., Fisher, C. Low-grade fibromyxoid sarcoma and hyalinizing spindle cell tumor with giant rosettes share a common t(7;16)(q34;p11) translocation. Am. J. Surg. Path. 27: 1229-1236, 2003.

NCBI AND UNIPROT INFORMATION

NCBI GI #	359339005
NCBI GeneID	64764
NCBI Accession #	NP_001240704.1
NCBI GenBank Nucleotide #	NM_001253775.1
UniProt Accession #	Q70SY1; Q6P454; Q6ZMR6
Molecular Weight	57,415 Da
NCBI Official Full Name	cyclic AMP-responsive element-binding protein 3-like protein 2 isoform 2
NCBI Official Synonym Full Names	cAMP responsive element binding protein 3-like 2
NCBI Official Symbol	CREB3L2
NCBI Official Synonym Symbols	BBF2H7
NCBI Protein Information	cyclic AMP-responsive element-binding protein 3-like protein 2; TCAG_1951439; FUS/BBF2H7 protein; B-ZIB transcription factor; basic transcription factor 2; BBF2 human homolog on chromosome 7; cAMP-responsive element-binding protein 3-like protein 2
UniProt Protein Name	Cyclic AMP-responsive element-binding protein 3-like protein 2
UniProt Gene Name	CREB3L2
UniProt Synonym Gene Names	BBF2H7; cAMP-responsive element-binding protein 3-like protein 2
UniProt Entry Name	CR3L2_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/creb3l2-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/128201>