

Rabbit BCL11A Polyclonal Antibody | anti-BCL11A antibody

BCL11A antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198470	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rat, Zebrafish	Western Blot, Immunohistochemistry

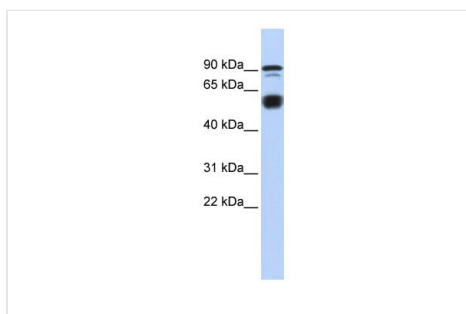
PRODUCT SYNONYMS

BCL11A; Polyclonal Antibody; BCL11A antibody - N-terminal region; anti-BCL11A antibody

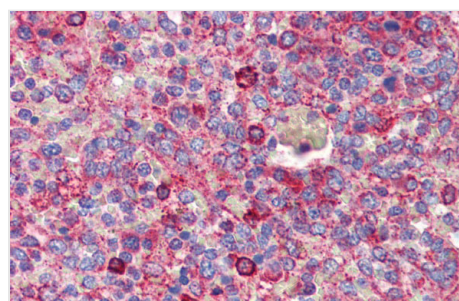
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS RRKQGKPKQL SKREFSPEPL EAILTDDEPD HGPLGAPEGD HDLLTCGQ
Sequence Length	835
Applicable Applications for anti-BCL11A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human BCL11A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-BCL11A Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: Human heart


IHC (Immunohistochemistry)

Immunohistochemistry with Human Spleen lysate tissue at an antibody concentration of 5.0 ug/ml using anti-BCL11A antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BCL11A antibody	This is a rabbit polyclonal antibody against BCL11A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: BCL11A is a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9 protein. The corresponding mouse gene is a common site of retroviral integration in myeloid leukemia, and may function as a leukemia disease gene, in part, through its interaction with BCL6. During hematopoietic cell differentiation, this gene is down-regulated. It is possibly involved in lymphoma pathogenesis since translocations associated with B-cell malignancies also deregulates its expression. This gene encodes a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9 protein. The corresponding mouse gene is a common site of retroviral integration in myeloid leukemia, and may function as a leukemia disease gene, in part, through its interaction with BCL6. During hematopoietic cell differentiation, this gene is down-regulated. It is possibly involved in lymphoma pathogenesis since translocations associated with B-cell malignancies also deregulates its expression. Multiple transcript variants encoding several different isoforms have been found for this gene.
Product Categories/Family for anti-BCL11A antibody	Polyclonal; Transcription Regulation; Various; Disease Related; Immunohistochemistry; Sumoylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336305
NCBI GeneID	53335
NCBI Accession #	NP_075044
NCBI GenBank Nucleotide #	NM_022893
UniProt Accession #	Q9H165
Molecular Weight	91kDa
NCBI Official Full Name	B-cell lymphoma/leukemia 11A isoform 1
NCBI Official Synonym Full Names	BAF chromatin remodeling complex subunit BCL11A
NCBI Official Symbol	BCL11A
NCBI Official Synonym Symbols	EVI9; CTIP1; DILOS; ZNF856; HBFQTL5; BCL11A-L; BCL11A-S; BCL11a-M; BCL11A-XL
NCBI Protein Information	B-cell lymphoma/leukemia 11A
UniProt Protein Name	B-cell lymphoma/leukemia 11A
UniProt Gene Name	BCL11A
UniProt Synonym Gene Names	CTIP1; EVI9; KIAA1809; ZNF856; BCL-11A; EVI-9
UniProt Entry Name	BC11A_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/bcl11a-antibody-western-blot-immunohistochemistry-elisa/198470>