10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-BCL11A Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18168

Product Information

Application	WB, IHC-P
Primary Accession	Q9H165
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	91197

Additional Information

Gene ID	53335
Alias Symbol	BCL11A
Other Names	BCL11A, B-cell CLL/lymphoma 11A, BCL11A-L, BCL11A-XL, BCL11a-M, B-cell lymphoma/leukemia 11A, BCL-11A, BCL11A-S, CTIP1, COUP-TF-interacting protein 1, HBFQTL5, EVI-9, KIAA1809, ZNF856, C2H2-type zinc finger protein, EVI9, Zinc finger protein 856
Target/Specificity	Human BCL11A
Reconstitution & Storage	Affinity purified
Precautions	Anti-BCL11A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BCL11A
Synonyms	CTIP1, EVI9, KIAA1809, ZNF856
Function	Transcription factor (PubMed: 16704730, PubMed:29606353). Associated with the BAF SWI/SNF chromatin remodeling complex (PubMed:23644491, PubMed:39607926). Binds to the 5'-TGACCA-3' sequence motif in regulatory regions of target genes, including a distal promoter of the HBG1 hemoglobin subunit gamma-1 gene (PubMed:29606353, PubMed:39423807). Involved in regulation of the developmental switch from gamma- to beta-globin, probably via direct repression of HBG1; hence indirectly repressing fetal hemoglobin (HbF) level (PubMed:26375765, PubMed:29606353, PubMed:39423807, PubMed:39607926). Involved in brain development (PubMed:27453576). May play a role in hematopoiesis (By similarity). Essential factor in lymphopoiesis

	required for B-cell formation in fetal liver (By similarity). May function as a modulator of the transcriptional repression activity of NR2F2 (By similarity).
Cellular Location	Cytoplasm. Nucleus. Chromosome. Note=Associates with the nuclear body Colocalizes with SUMO1 and SENP2 in nuclear speckles (By similarity) [Isoform 2]: Cytoplasm. Nucleus Note=Predominantly localized in the nucleus in nuclear paraspeckles
Tissue Location	Expressed at high levels in brain, spleen thymus, bone marrow and testis. Expressed in CD34-positive myeloid precursor cells, B-cells, monocytes and megakaryocytes. Expression is tightly regulated during B-cell development.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.