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Anti-BCL11A Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18168

Specification

Anti-BCL11A Antibody - Product Information

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

Anti-BCL11A Antibody - 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.

Anti-BCL11A Antibody - 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). 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).

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:29606353, PubMed:26375765). 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.

Anti-BCL11A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-BCL11A Antibody - Images