

## **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

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.

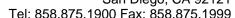
# **Anti-BCL11A Antibody - Protein Information**

Name BCL11A

Synonyms CTIP1, EVI9, KIAA1809, ZNF856

#### **Function**

Transcription factor (PubMed:<a href="http://www.uniprot.org/citations/16704730" target="\_blank">16704730</a>, PubMed:<a href="http://www.uniprot.org/citations/29606353" target="\_blank">29606353</a>). Associated with the BAF SWI/SNF chromatin remodeling complex (PubMed:<a href="http://www.uniprot.org/citations/23644491" target="\_blank">23644491</a>). 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:<a href="http://www.uniprot.org/citations/29606353" target="blank">29606353</a>).





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: <a href="http://www.uniprot.org/citations/29606353" target="\_blank">29606353</a>, PubMed:<a href="http://www.uniprot.org/citations/26375765" target="\_blank">26375765</a>). Involved in brain development (PubMed:<a href="http://www.uniprot.org/citations/27453576" target=" blank">27453576</a>). 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