

**Ctip1 Antibody**  
Rabbit mAb  
Catalog # AP91581

## Specification

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### Ctip1 Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">O9H165</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
EVI9; CTIP1; ZNF856; HBFQTL5; BCL11A-L; BCL11A-S; BCL11a-M; BCL11A-XL;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	91197 Da

### Ctip1 Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Ctip1</b>
Description	<b>Functions as a myeloid and B-cell proto-oncogene. May play important roles in leukemogenesis and hematopoiesis. An essential factor in lymphopoiesis, is required for B-cell formation in fetal liver. May function as a modulator of the transcriptional repression activity of ARP1.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### Ctip1 Antibody - Protein Information

**Name** BCL11A

**Synonyms** CTIP1, EVI9, KIAA1809, ZNF856

#### Function

Transcription factor (PubMed: [16704730](http://www.uniprot.org/citations/16704730), PubMed: [29606353](http://www.uniprot.org/citations/29606353)). Associated with the BAF SWI/SNF chromatin remodeling complex (PubMed: [23644491](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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:<a href="http://www.uniprot.org/citations/26375765" target="\_blank">26375765</a>, PubMed:<a href="http://www.uniprot.org/citations/29606353" target="\_blank">29606353</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

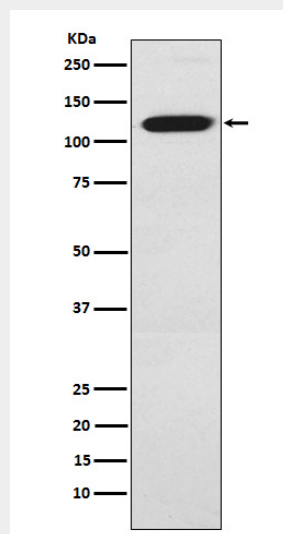
Expressed at high levels in brain, spleen thymus, bone marrow and testis. Expressed in CD34-positive myeloid precursor cells, B-cells, monocytes and megakaryocytes. Expression is tightly regulated during B-cell development.

### Ctip1 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 Cytometry](#)
- [Cell Culture](#)

### Ctip1 Antibody - Images



Western blot analysis of Ctip1 expression in Jurkat cell lysate.