

Ctip1 Rabbit mAb

Catalog # AP75299

Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	Q9H165
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	91197

Additional Information

Gene ID	53335
Other Names	BCL11A
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

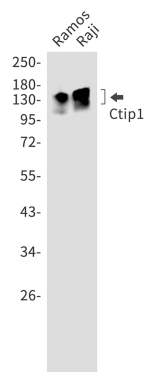
Protein Information

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.

Images



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