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Ctip1/BCL-11A Rabbit mAb

Catalog # AP75299

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	Q9H165
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	91197

Additional Information

Gene ID	53335
Other Names	BCL11A
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:100-1:200 IP~~1:20-1:50
Format	Liquid in 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

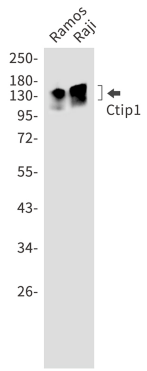
Name	BCL11A
Synonyms	CTIP1, EVI9, KIAA1809, ZNF856
Function	Transcription factor (PubMed: 16704730, PubMed:29606353). Associated with the BAF SWI/SNF chromatin remodeling complex (PubMed:23644491, PubMed:39607926). Binds to the 5'-TGACCA-3' sequence motif in regulatory regions of target genes, including 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.

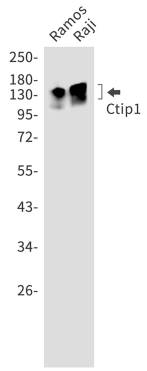
Background

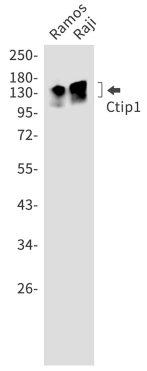
Functions as a myeloid and B-cell proto-oncogene. May play important roles in leukemogenesis and hematopoiesis. An essential factor in lymphopoiesis, is required for B-cell formation in fetal liver. May function as a modulator of the transcriptional repression activity of ARP1.

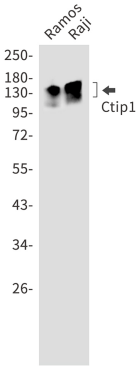
Images

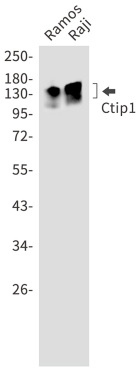


Western blot analysis of Ctip1 in Ramos, Raji lysates using Ctip1 antibody.









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