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Ctip2 Antibody

Rabbit mAb
Catalog # AP91081

Product Information

Application	WB
Primary Accession	Q9C0K0
Reactivity	Human
Clonality	Monoclonal
Other Names	ATL1 alpha; ATL1 beta; ATL1 gamma; ATL1 delta; Bcl11b; BCL11B/TRDC fusion; CTIP2; hRIT1 alpha; hRit1; Rit1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	95519

Additional Information

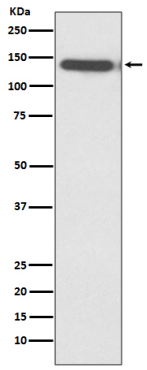
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Ctip2
Description	Tumor-suppressor protein involved in T-cell lymphomas. May function on the P53-signaling pathway. May be a key regulator of both differentiation and survival during thymocyte development. Repress transcription through direct, TFCOUP2-independent binding to a GC-rich response element.
Storage Condition and Buffer	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.

Protein Information

Name	BCL11B
Synonyms	CTIP2, RIT1
Function	Key regulator of both differentiation and survival of T- lymphocytes during thymocyte development in mammals. Essential in controlling the responsiveness of hematopoietic stem cells to chemotactic signals by modulating the expression of the receptors CCR7 and CCR9, which direct the movement of progenitor cells from the bone marrow to the thymus (PubMed:27959755). Is a regulator of IL2 promoter and enhances IL2 expression in activated CD4(+) T-lymphocytes (PubMed:16809611). Tumor-suppressor that represses transcription through direct, TFCOUP2-independent binding to a GC-rich response element (By similarity). May also function in the P53-signaling pathway (By similarity).
Cellular Location	Nucleus.

Tissue Location	Highly expressed in brain and in malignant T-cell lines derived from patients with adult T-cell leukemia/lymphoma

Images



Western blot analysis of Ctip2 expression in Jurkat cell lysate.

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