

**BC11B Polyclonal Antibody**

<b>Catalog No :</b>	YN1700
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	BC11B
<b>Fields :</b>	>>Transcriptional misregulation in cancer
<b>Gene Name :</b>	BCL11B CTIP2 RIT1
<b>Protein Name :</b>	B-cell lymphoma/leukemia 11B (BCL-11B) (B-cell CLL/lymphoma 11B) (COUP-TF-interacting protein 2) (Radiation-induced tumor suppressor gene 1 protein) (hRit1)
<b>Human Gene Id :</b>	64919
<b>Human Swiss Prot No :</b>	Q9C0K0
<b>Mouse Swiss Prot No :</b>	Q99PV8
<b>Immunogen :</b>	Synthesized peptide derived from human protein . at AA range: 570-650
<b>Specificity :</b>	BC11B Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 98kD

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**Background :** B-cell CLL/lymphoma 11B(BCL11B) Homo sapiens This gene encodes a C2H2-type zinc finger protein and is closely related to BCL11A, a gene whose translocation may be associated with B-cell malignancies. Although the specific function of this gene has not been determined, the encoded protein is known to be a transcriptional repressor, and is regulated by the NURD nucleosome remodeling and histone deacetylase complex. Four alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Aug 2013],

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**Function :** function: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.,similarity:Contains 6 C2H2-type zinc fingers.,subunit:Interacts with TFCOUP1, SIRT1, ARP1 and EAR2.,tissue specificity:Highly expressed in brain and in malignant T-cell lines derived from patients with adult T-cell leukemia/lymphoma.,

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**Subcellular Location :** Nucleus .

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**Expression :** Highly expressed in brain and in malignant T-cell lines derived from patients with adult T-cell leukemia/lymphoma.

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## Products Images