



Rabbit Anti-Ctip2 antibody

SL23676R

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| Product Name: | Ctip2 |
| Chinese Name: | Blymphocyte白血病/淋巴瘤11B抗体 |
| Alias: | B cell lymphoma/leukemia 11B; B-cell CLL/Lymphoma 11B; B-cell lymphoma/leukemia 11B; BC11B_HUMAN; BCL-11B; Bcl11B; COUP-TF interacting protein 2; COUP-TF-interacting protein 2; Ctip 2; hRit1; MS1029; Radiation induced tumor suppressor gene 1; Radiation induced tumor suppressor gene 1 protein; Radiation-induced tumor suppressor gene 1 protein; Rit 1; Rit1. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep, |
| Applications: | WB=1:500-2000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 95kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human Ctip2 :221-320/894 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | 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]

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.

Subunit:

Interacts with TFCOUP1, SIRT1, ARP1 and EAR2

Subcellular Location:

Nucleus.

Tissue Specificity:

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

Similarity:

Contains 6 C2H2-type zinc fingers.

SWISS:

Q9C0K0

Gene ID:

64919

Database links:

[Entrez Gene: 64919](#) Human

[Entrez Gene: 58208](#) Mouse

[Entrez Gene: 314423](#) Rat

[Omim: 606558](#) Human

[SwissProt: Q9C0K0](#) Human

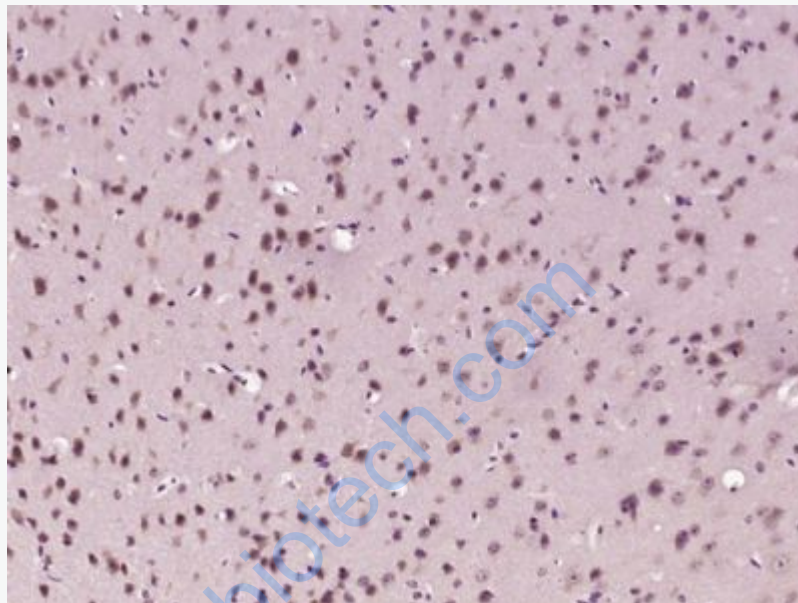
[SwissProt: Q99PV8](#) Mouse

[Unigene: 709690](#) Human

[Unigene: 392694](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Ctip2) Polyclonal Antibody, Unconjugated (SL23676R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.