SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Ctip2 antibody

Catalog Number: SL23676R

FOR RESEARCH USE ONLY

[DATASHEET]

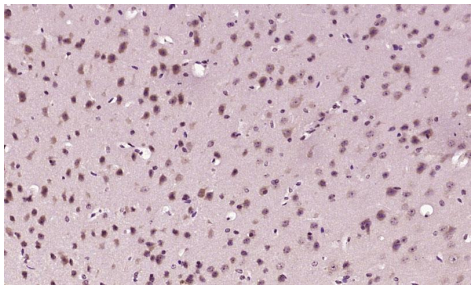
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Ctip2
Immunogen:	KLH conjugated synthetic peptide derived from human Ctip2 : 221-320/894
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	95kDa
Subcellular Location:	The nucleus
Background:	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

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

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	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. **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

[VALIDATION IMAGES]



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) instructionsand DAB staining.

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