

CLLD7 Rabbit pAb

Catalog # AP100213

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8NDN9
Other Accession	Q8NDN9
Reactivity	Rat
Predicted	Pig, Human, Mouse, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58252
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CLLD7
Epitope Specificity	481-531/531
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 BTB (POZ) domains. Contains 6 RCC1 repeats.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The BTB domain, also known as the POZ (poxvirus and zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. RCBTB1 (regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1), also known as GLP, CLLD7, CLLL7 or E4.5, is a 531 amino acid protein that localizes to the nucleus and contains two BTB (POZ) domains and six RCC1 repeats. Expressed ubiquitously, RCBTB1 is thought to be involved in cell cycle regulation, specifically via chromatin remodeling. The gene encoding RCBTB1 maps to a region on human chromosome 13 that is frequently deleted in B-cell chronic lymphocytic leukemia, suggesting a possible role for RCBTB1 in tumor suppression.

Additional Information

Gene ID	55213
Other Names	CLLD7; CLLL7; GLP; RDEOA; 5430409I18Rik; RCBT1_HUMAN; RCBTB1; Chronic lymphocytic leukemia deletion region gene 7 protein (CLL deletion region gene 7 protein); Regulator of chromosome condensation and BTB domain-containing protein 1; E4.5; RCBT1_MOUSE; RCC1 and BTB domain containing protein 1; regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.
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Protein Information

Name	RCBTB1
Synonyms	CLLD7, E4.5
Function	May be involved in cell cycle regulation by chromatin remodeling.
Cellular Location	Nucleus.
Tissue Location	Ubiquitously expressed (PubMed:11306461, PubMed:27486781). In the retina, present in the nerve fiber layer and to a lesser extent in the inner and outer plexiform layers (at protein level) (PubMed:27486781).

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