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Anti-RCBTB1 Antibody

Catalog # AP51469

Product Information

Application	WB, IHC
Primary Accession	Q8NDN9
Reactivity	Human, Mouse, Pig, Dog, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58252

Additional Information

Gene ID	55213
Other Names	CLLD7; E4.5; RCC1 and BTB domain-containing protein 1; Chronic lymphocytic leukemia deletion region gene 7 protein; CLL deletion region gene 7 protein; Regulator of chromosome condensation and BTB domain-containing protein 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RCBTB1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

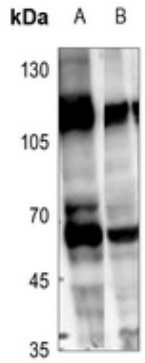
Protein Information

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).

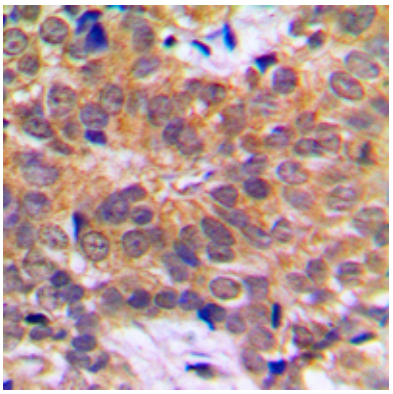
References

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Solomou E.E.,et al.Leuk. Lymphoma 44:1579-1585(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Dunham A.,et al.Nature 428:522-528(2004).

Images



Western blot analysis of RCBTB1 expression in LO2 (A), CT26 (B) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 65 kD)



Immunohistochemical analysis of RCBTB1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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