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RTDR1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13240a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UHP6
Other Accession	NP_055248.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33108
Calculated MW	38592
Antigen Region	17-45

Additional Information

Gene ID	27156
Other Names	Rhabdoid tumor deletion region protein 1, RTDR1
Target/Specificity	This RTDR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human RTDR1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RTDR1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RSPH14 (HGNC:13437)
Synonyms	RTDR1
Function	Functions as part of axonemal radial spoke complexes that play an important part in the motility of sperm and cilia.

Cellular Location	Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q9D3W1}
Tissue Location	Expressed in adult cerebellum, spinal cord, spleen, skeletal muscle and some/5 out of 9 rhabdoid tumors. Detected in fetal brain, lung, liver and kidney.

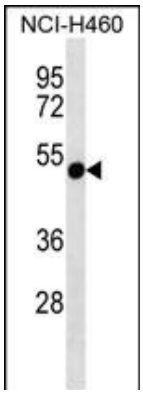
Background

This gene encodes a protein with no known function but with slight similarity to a yeast vacuolar protein. The gene is located in a region deleted in pediatric rhabdoid tumors of the brain, kidney and soft tissues, but mutations in this gene have not been associated with the disease.

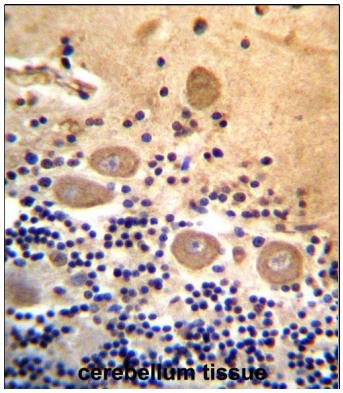
References

Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008)
Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)
Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :
Zhou, J., et al. Gene 241(1):133-141(2000)

Images



RTDR1 Antibody (N-term) (Cat. #AP13240a) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the RTDR1 antibody detected the RTDR1 protein (arrow).



RTDR1 Antibody (N-term) (Cat. #AP13240a)immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RTDR1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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