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PTCHD3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11409b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q3KNS1
Other Accession	NP_001030014.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29428
Calculated MW	107689
Antigen Region	689-717

Additional Information

Gene ID	374308
Other Names	Patched domain-containing protein 3, Patched-related protein, PTCHD3, PTR
Target/Specificity	This PTCHD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 689-717 amino acids from the C-terminal region of human PTCHD3.
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	PTCHD3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PTCHD3
Synonyms	PTR
Function	May play a role in sperm development or sperm function (PubMed:17904097). However, does not appear to have an essential role in

spermatogenesis or male fertility (PubMed:21439084).

Cellular Location

Cell projection, cilium, flagellum membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Localizes to the midpiece of the sperm tail

Tissue Location

Expressed in germ cells of the testis (at protein level) (PubMed:17904097). Detected in blood lymph, colon, small intestine, ovary, testis, prostate, thymus and spleen with highest levels in testis (PubMed:21439084).

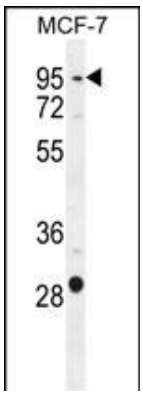
Background

May play a role in sperm development or sperm function.

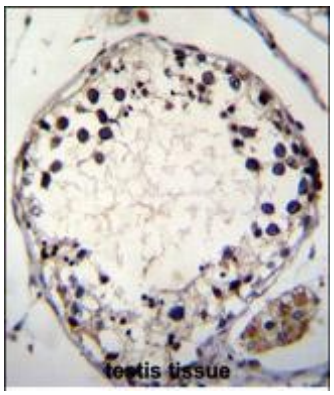
References

Fan, J., et al. Biochem. Biophys. Res. Commun. 363(3):757-761(2007)

Images



PTCHD3 Antibody (C-term) (Cat. #AP11409b) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the PTCHD3 antibody detected the PTCHD3 protein (arrow).



PTCHD3 Antibody (C-term) (Cat. #AP11409b)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PTCHD3 Antibody (C-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'.