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PTCHD3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11409b

Specification

PTCHD3 Antibody (C-term) - Product Information

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

PTCHD3 Antibody (C-term) - 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~~1:10~50

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.

PTCHD3 Antibody (C-term) - 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

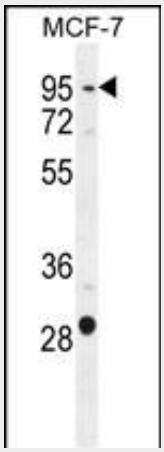
Tissue Location
Expressed in germ cells of the testis (at protein level) (PubMed:17904097). Detected in blood lymph, colon, small intestine, ovary, testis, prostate, thymus and spleen with highest levels in testis (PubMed:21439084).

PTCHD3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

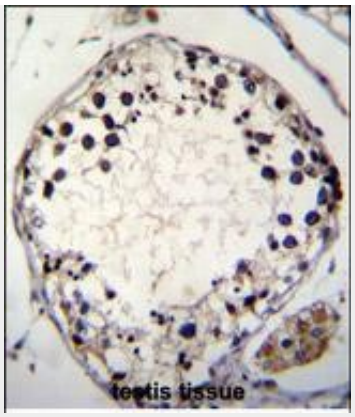
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PTCHD3 Antibody (C-term) - 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).

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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.

PTCHD3 Antibody (C-term) - Background

May play a role in sperm development or sperm function.

PTCHD3 Antibody (C-term) - References

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