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PTCHD3 Antibody (internal region)

Peptide-affinity purified goat antibody

Catalog # AF3420a

Specification

PTCHD3 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q3KNS1
Other Accession	NP_001030014.2, 374308
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**107689**

PTCHD3 Antibody (internal region) - Additional Information

Gene ID 374308

Other Names
Patched domain-containing protein 3, Patched-related protein, PTCHD3, PTR

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PTCHD3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PTCHD3 Antibody (internal region) - 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

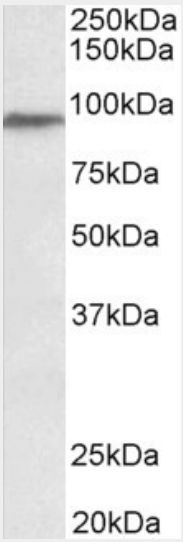
Tissue Location
Expressed in germ cells of the testis (at protein level) (PubMed:17904097). Detected in blood lymph, colon, small intestine, ovary, testis, prostate, thymus and spleen with highest levels in testis (PubMed:21439084).

PTCHD3 Antibody (internal region) - 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 (internal region) - Images



AF3420a (0.3 µg/ml) staining of Human Testis lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

PTCHD3 Antibody (internal region) - References

Male germ cell-specific expression of a novel Patched-domain containing gene Ptchd3. Fan J, Akabane H, Zheng X, Zhou X, Zhang L, Liu Q, Zhang YL, Yang J, Zhu GZ, Biochemical and biophysical research communications 2007 Nov 363 (3): 757-61. PMID: 17904097