Datasheet for ABIN6991016

anti-PTCHD2 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	PTCHD2
Binding Specificity:	AA 1240-1290, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTCHD2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	PTCHD2 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human PTCHD2. The immunogen is located within amino acids 1240 - 1290 of PTCHD2.
Isotype:	IgG
Specificity:	At least two isoforms of PTCHD2 are known to exist. This antibody is specific for PTCHD2 and will not recognize the other DISP family of proteins.
Purification:	PTCHD2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PTCHD2
Alternative Name:	PTCHD2 (PTCHD2 Products)

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Target Details

Background:	PTCHD2 Antibody: PTCHD2, also known as DISP3, is the third of three known homologs of the D. melanogaster protein Dispatched. It is a multi-transmembrane protein containing two PTCH/DISP domains and is thought to be involved in the release of lipid-anchored secreted proteins. Like DISP1 and DISP2, DISP3 has been implicated in signaling pathways during embryogenesis, tissue regeneration, and carcinogenesis. It is highly expressed in Purkinje cells, hippocampal neurons, and retinal ganglion cells. Recently, it has been shown that PTCHD2 localizes within the endoplasmic reticulum and colocalizes with cholesterol, and given that its expression is regulated by thyroid hormone (T3), it has been suggested that DISP3 may be a link between thyroid hormone and cholesterol metabolism.
Gene ID:	57540
UniProt:	Q9P2K9

Application Details

Application Notes:	PTCHD2 antibody can be used for detection of PTCHD2 by immunohistochemistry at 5 µ,g/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PTCHD2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	PTCHD2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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