

PTCHD2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13584**Specification**

PTCHD2 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	Q9P2K9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	153kDa KDa

PTCHD2 Antibody (N-Terminus) - Additional Information**Gene ID** 57540**Other Names**

Patched domain-containing protein 2, Protein dispatched homolog 3, PTCHD2, DISP3, KIAA1337

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

PTCHD2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PTCHD2 Antibody (N-Terminus) - Protein Information**Name** DISP3 {ECO:0000303|PubMed:15645143, ECO:0000312|HGNC:HGNC:29251}**Function**

Plays a role in neuronal proliferation and differentiation (PubMed:25281927). Plays a role in the accumulation of cellular cholesterol (By similarity). Involved in intracellular lipid droplet formation (PubMed:25281927). May contribute to cholesterol homeostasis in neuronal cells (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Nucleus membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:B9U3F2}; Multi-pass membrane protein. Note=Predominantly localized to cholesterol-enriched domains within the membrane (PubMed:19179482). Localizes to cytoplasmic punctate vesicular structures (By similarity) {ECO:0000250|UniProtKB:B9U3F2, ECO:0000269|PubMed:19179482}

Tissue Location

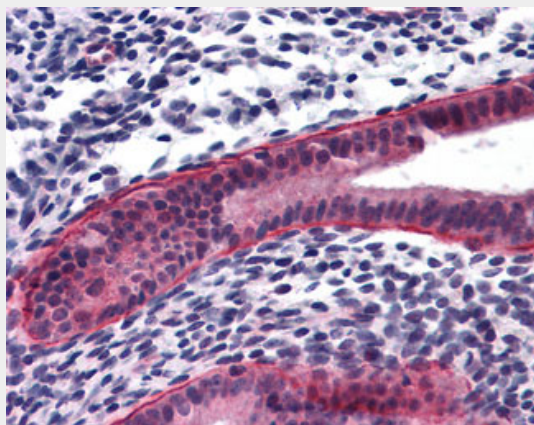
Expressed in brain and testis (PubMed:15645143).

PTCHD2 Antibody (N-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTCHD2 Antibody (N-Terminus) - Images



Anti-PTCHD2 antibody IHC of human uterus.

PTCHD2 Antibody (N-Terminus) - References

Nagase T., et al. DNA Res. 7:65-73(2000).
Gregory S.G., et al. Nature 441:315-321(2006).
Rhodes S., et al. Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.
Katoh Y., et al. Int. J. Oncol. 26:551-556(2005).