

PTHD2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16111a**Specification**

PTHD2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O9P2K9](#)
Other Accession [NP_065831.1](#)

PTHD2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 57540

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PTHD2 Antibody (N-term) Blocking Peptide - 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).

PTHD2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PTHD2 Antibody (N-term) Blocking Peptide - Images**PTHD2 Antibody (N-term) Blocking Peptide - References**

Peart, M.J., et al. Proc. Natl. Acad. Sci. U.S.A. 102(10):3697-3702(2005) Katoh, Y., et al. Int. J. Oncol. 26(2):551-556(2005) Venter, J.C., et al. Science 291(5507):1304-1351(2001)