

ZDHHC4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9547b**Specification**

ZDHHC4 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NPG8](#)**ZDHHC4 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 55146**Other Names**

Probable palmitoyltransferase ZDHHC4, Zinc finger DHHC domain-containing protein 4, DHHC-4, Zinc finger protein 374, ZDHHC4, ZNF374

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.

ZDHHC4 Antibody (C-term) Blocking Peptide - Protein Information**Name** ZDHHC4 ([HGNC:18471](#))**Synonyms** ZNF374**Function**

Palmitoyltransferase that catalyzes the addition of palmitate onto protein substrates including the D(2) dopamine receptor DRD2, GSK3B or MAVS. Mediates GSK3B palmitoylation to prevent its AKT1- mediated phosphorylation leading to activation of the STAT3 signaling pathway (PubMed:35606353). Also catalyzes MAVS palmitoylation which promotes its stabilization and activation by inhibiting 'Lys-48'- but facilitating 'Lys-63'-linked ubiquitination (PubMed:38016475).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

ZDHHC4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZDHHC4 Antibody (C-term) Blocking Peptide - Images

ZDHHC4 Antibody (C-term) Blocking Peptide - References

Primsby, S., et al. FEBS Lett. 577 (1-2), 93-100 (2004) ;Lark, H.F., et al. Genome Res. 13(10):2265-2270(2003)