

ZDHHC8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16774b**Specification**

ZDHHC8 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9ULC8](#)**ZDHHC8 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 29801**Other Names**

Probable palmitoyltransferase ZDHHC8, Zinc finger DHHC domain-containing protein 8, DHHC-8, Zinc finger protein 378, ZDHHC8, KIAA1292, ZDHHCL1, ZNF378

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.

ZDHHC8 Antibody (C-term) Blocking Peptide - Protein Information**Name** ZDHHC8 ([HGNC:18474](#))**Function**

Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates and therefore functions in several unrelated biological processes (Probable). Through the palmitoylation of ABCA1 regulates the localization of the transporter to the plasma membrane and thereby regulates its function in cholesterol and phospholipid efflux (Probable). Could also palmitoylate the D(2) dopamine receptor DRD2 and regulate its stability and localization to the plasma membrane (Probable). Could also play a role in glutamatergic transmission (By similarity).

Cellular Location

Golgi apparatus membrane; Multi-pass membrane protein. Mitochondrion membrane {ECO:0000250|UniProtKB:Q5Y5T5}; Multi-pass membrane protein

Tissue Location

Widely expressed..

ZDHHC8 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZDHHC8 Antibody (C-term) Blocking Peptide - Images

ZDHHC8 Antibody (C-term) Blocking Peptide - Background

This gene encodes a four transmembrane protein that is a member of the zinc finger DHHC domain-containing protein family. The encoded protein may function as a palmitoyltransferase. Defects in this gene may be associated with a susceptibility to schizophrenia. Alternate splicing of this gene results in multiple transcript variants. A pseudogene of this gene is found on chromosome 22.

ZDHHC8 Antibody (C-term) Blocking Peptide - References

Shin, H.D., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (6), 1167-1172 (2010)
:Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :Xu, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. (2010) In press :Yang, W., et al. Mol. Cell Proteomics 9(1):54-70(2010) Singaraja, R.R., et al. Circ. Res. 105(2):138-147(2009)