

ZDHHC19 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11353b**Specification**

ZDHHC19 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession
Other Accession[O8WVZ1](#)
[NP_001034706.1](#)**ZDHHC19 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 131540**Other Names**

Probable palmitoyltransferase ZDHHC19, Zinc finger DHHC domain-containing protein 19, DHHC-19, ZDHHC19

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.

ZDHHC19 Antibody (C-term) Blocking peptide - Protein Information**Name** ZDHHC19 {ECO:0000303|PubMed:37802024, ECO:0000312|HGNC:HGNC:20713}**Function**

Palmitoyltransferase that mediates palmitoylation of proteins, such as RRAS and SQSTM1 (PubMed: [20074548](http://www.uniprot.org/citations/20074548)), PubMed: [37802024](http://www.uniprot.org/citations/37802024)). Catalyzes palmitoylation of RRAS, leading to increased cell viability (PubMed: [20074548](http://www.uniprot.org/citations/20074548)). Acts as a positive regulator of autophagy by mediating palmitoylation of SQSTM1, promoting affinity between SQSTM1 and ATG8 proteins and recruitment of ubiquitinated cargo proteins to autophagosomes (PubMed: [37802024](http://www.uniprot.org/citations/37802024)).

Cellular Location

Golgi apparatus membrane {ECO:0000269|PubMed:20074548, ECO:0000305}; Multi-pass membrane protein. Cytoplasm, perinuclear region

ZDHHC19 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZDHHC19 Antibody (C-term) Blocking peptide - Images**ZDHHC19 Antibody (C-term) Blocking peptide - References**

Baumgart, F., et al. Biochim. Biophys. Acta 1798(3):592-604(2010)Ganesh, S.K., et al. Nat. Genet. 41(11):1191-1198(2009)