

ZDHHC9 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9716b**Specification**

ZDHHC9 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y397](#)**ZDHHC9 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 51114

Other Names

Palmitoyltransferase ZDHHC9, Zinc finger DHHC domain-containing protein 9, DHHC-9, DHHC9, Zinc finger protein 379, Zinc finger protein 380, ZDHHC9, CXorf11, ZDHHC10, ZNF379, ZNF380

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.

ZDHHC9 Antibody (C-term) Blocking Peptide - Protein Information**Name** ZDHHC9 {ECO:0000303|PubMed:37802025, ECO:0000312|HGNC:HGNC:18475}**Function**

Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates, such as ADRB2, HRAS, NRAS and CGAS (PubMed: [16000296](http://www.uniprot.org/citations/16000296), PubMed: [27481942](http://www.uniprot.org/citations/27481942), PubMed: [37802025](http://www.uniprot.org/citations/37802025)). The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS (PubMed: [16000296](http://www.uniprot.org/citations/16000296)). May have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and therefore regulate G protein- coupled receptor signaling (PubMed: [27481942](http://www.uniprot.org/citations/27481942)). Acts as a regulator of innate immunity by catalyzing palmitoylation of CGAS, thereby promoting CGAS homodimerization and cyclic GMP-AMP synthase activity (PubMed: [37802025](http://www.uniprot.org/citations/37802025)).

Cellular Location

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

Tissue Location

Highly expressed in kidney, skeletal muscle, brain, lung and liver. Absent in thymus, spleen and leukocytes

ZDHHC9 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZDHHC9 Antibody (C-term) Blocking Peptide - Images**ZDHHC9 Antibody (C-term) Blocking Peptide - Background**

The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS.

ZDHHC9 Antibody (C-term) Blocking Peptide - References

Mansilla, F., et al. Br. J. Cancer 96(12):1896-1903(2007)Raymond, F.L., et al. Am. J. Hum. Genet. 80(5):982-987(2007)Zhou, F.L., et al. Cancer Immunol. Immunother. 55(8):910-917(2006)