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ZDHHC14 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20773c

Specification

ZDHHC14 Blocking Peptide (Center) - Product Information

Primary Accession	Q8IZN3
Other Accession	Q8BQQ1

ZDHHC14 Blocking Peptide (Center) - Additional Information

Gene ID 79683

Other Names
Probable palmitoyltransferase ZDHHC14, NEW1 domain-containing protein, NEW1CP, Zinc finger DHHC domain-containing protein 14, DHHC-14, ZDHHC14

Target/Specificity
The synthetic peptide sequence is selected from aa 283-297 of HUMAN ZDHHC14

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.

ZDHHC14 Blocking Peptide (Center) - Protein Information

Name ZDHHC14 (HGNC:20341)

Function
Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates. May have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and thereby regulate G protein-coupled receptor signaling (PubMed:27481942). May play a role in cell differentiation and apoptosis (PubMed:21151021, PubMed:24407904).

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus, Golgi stack membrane; Multi-pass membrane protein

Tissue Location

Widely expressed..

ZDHHC14 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

ZDHHC14 Blocking Peptide (Center) - Images

ZDHHC14 Blocking Peptide (Center) - References

Guo J.H.,et al.Submitted (AUG-2002) to the EMBL/GenBank/DDBJ databases.
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).