

ZDHHC20 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13355a**Specification**

ZDHHC20 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q5W0Z9](#)**ZDHHC20 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 253832

Other Names

Probable palmitoyltransferase ZDHHC20, Zinc finger DHHC domain-containing protein 20, DHHC-20, ZDHHC20

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13355a was selected from the N-term region of ZDHHC20. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

ZDHHC20 Antibody (N-term) Blocking peptide - Protein InformationName ZDHHC20 ([HGNC:20749](#))**Function**

Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates (PubMed:27153536, PubMed:29326245, PubMed:33219126). Catalyzes palmitoylation of Cys residues in the cytoplasmic C-terminus of EGFR, and modulates the duration of EGFR signaling by modulating palmitoylation-dependent EGFR internalization and degradation (PubMed:27153536). Has a preference for acyl-CoA with C16 fatty acid chains (PubMed:29326245). Can also utilize acyl-CoA with C14 and C18 fatty acid chains (PubMed:29326245).

Cellular Location

Golgi apparatus membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Cytoplasm, perinuclear region. Endoplasmic reticulum membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi-pass membrane protein

ZDHHC20 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZDHHC20 Antibody (N-term) Blocking peptide - Images**ZDHHC20 Antibody (N-term) Blocking peptide - Background**

The specific function of this protein remains unknown.