

**ZDHHC19 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57104**

**Specification**

**ZDHHC19 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q8WVZ1</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZDHHC19
Epitope Specificity	161-260/309
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
SIMILARITY	Belongs to the DHHC palmitoyltransferase family. Contains 1 DHHC-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

ZDHHC19 is a 309 amino acid multi-pass membrane protein that contains one DHHC-type zinc finger and is thought to function as a palmitoyltransferase, catalyzing the transformation of palmitoyl-CoA and a cysteine-conjugated protein to a S-palmitoyl protein and free CoA. The gene encoding ZDHHC19 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci.

**ZDHHC19 Polyclonal Antibody - Additional Information**

**Gene ID** 131540

**Other Names**

Palmitoyltransferase ZDHHC19, 2.3.1.225, Zinc finger DHHC domain-containing protein 19, DHHC-19, ZDHHC19

**Dilution**

<span class="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class="dilution\_IF">IF~~1:50~200</span><br \><span class="dilution\_ICC">ICC~~N/A</span><br \><span class="dilution\_E">E~~N/A</span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## **ZDHHC19 Polyclonal Antibody - 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 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **ZDHHC19 Polyclonal Antibody - Images**