

**ZDHHC16 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58710**

**Specification**

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**ZDHHC16 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">O969W1</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZDHHC16
Epitope Specificity	271-377/377
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	Endoplasmic reticulum membrane; Multi-pass membrane protein (By similarity).
SIMILARITY	Belongs to the DHHC palmitoyltransferase family. Contains 1 DHHC-type zinc finger.
SUBUNIT	Interacts with ABL1 (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

May be involved in apoptosis regulation.

**ZDHHC16 Polyclonal Antibody - Additional Information**

**Gene ID** 84287

**Other Names**

Palmitoyltransferase ZDHHC16, 2.3.1.225, Abl-philin 2, Zinc finger DHHC domain-containing protein 16, DHHC-16, ZDHHC16 ([HGNC:20714](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=20714))

**Dilution**

**dilution\_WB**: WB ~ 1:1000  
**dilution\_IHC-P**: IHC-P ~ N/A  
**dilution\_IHC-F**: IHC-F ~ N/A  
**dilution\_IF**: IF ~ 1:50 ~ 200  
**dilution\_E**: E ~ N/A

**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.

**ZDHHC16 Polyclonal Antibody - Protein Information**

**Name** ZDHHC16 ([HGNC:20714](#))

**Function**

Palmitoyl acyltransferase that mediates palmitoylation of proteins such as PLN and ZDHHC6 (PubMed:[28826475](http://www.uniprot.org/citations/28826475)). Required during embryonic heart development and cardiac function, possibly by mediating palmitoylation of PLN, thereby affecting PLN phosphorylation and homooligomerization (By similarity). Also required for eye development (By similarity). Palmitoylates ZDHHC6, affecting the quaternary assembly of ZDHHC6, its localization, stability and function (PubMed:[28826475](http://www.uniprot.org/citations/28826475)). May play a role in DNA damage response (By similarity). May be involved in apoptosis regulation (By similarity). Involved in the proliferation of neural stem cells by regulating the FGF/ERK pathway (By similarity).

**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein  
{ECO:0000250|UniProtKB:Q9ESG8}

**Tissue Location**

Widely expressed..

**ZDHHC16 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](#)

**ZDHHC16 Polyclonal Antibody - Images**