

**ZDHHC-12 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58561**

## Specification

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### ZDHHC-12 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">O96GR4</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30813

### ZDHHC-12 Polyclonal Antibody - Additional Information

Gene ID 84885

#### Other Names

Palmitoyltransferase ZDHHC12, 2.3.1.225, Zinc finger protein 400, ZDHHC12 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=19159](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=19159) target="\_blank">HGNC:19159</a>), ZNF400

#### Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### 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.

### ZDHHC-12 Polyclonal Antibody - Protein Information

**Name** ZDHHC12 {ECO:0000303|PubMed:36586411, ECO:0000312|HGNC:HGNC:19159}

#### Function

Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates (PubMed:[36586411](http://www.uniprot.org/citations/36586411)</a>). Has a palmitoyltransferase activity toward gephyrin/GPHN, regulating its clustering at synapses and its function in gamma-aminobutyric acid receptor clustering (By similarity). Thereby, indirectly regulates GABAergic synaptic transmission (By similarity). Acts as an inhibitor of the NLRP3 inflammasome by mediating palmitoylation of NLRP3, thereby promoting NLRP3 degradation by the chaperone-mediated autophagy (CMA) process (PubMed:[36586411](http://www.uniprot.org/citations/36586411)</a>).

#### Cellular Location

Golgi apparatus membrane {ECO:0000250|UniProtKB:Q8VC90}; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein

#### Tissue Location

Widely expressed..

### **ZDHHC-12 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](#)

### **ZDHHC-12 Polyclonal Antibody - Images**