

**ZDHHC18 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12138****Specification****ZDHHC18 antibody - middle region - Product Information**

|                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| Application       | WB                                                                        |
| Primary Accession | <a href="#">O9NUE0</a>                                                    |
| Other Accession   | <a href="#">NM_032283</a> , <a href="#">NP_115659</a>                     |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog |
| Host              | Rabbit                                                                    |
| Clonality         | Polyclonal                                                                |
| Calculated MW     | 42kDa KDa                                                                 |

**ZDHHC18 antibody - middle region - Additional Information****Gene ID** 84243

**Alias Symbol** **DKFZp667O2416, DHHC18, DHHC-18**

**Other Names**  
Palmitoyltransferase ZDHHC18, 2.3.1.225, Zinc finger DHHC domain-containing protein 18, DHHC-18, ZDHHC18

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ZDHHC18 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ZDHHC18 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**ZDHHC18 antibody - middle region - Protein Information****Name** ZDHHC18 {ECO:0000303|PubMed:35438208, ECO:0000312|HGNC:HGNC:20712}**Function**

Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates, such as CGAS, HRAS and LCK (PubMed:&lt;a href="http://www.uniprot.org/citations/23034182" target="\_blank"&gt;23034182&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/27481942" target="\_blank"&gt;27481942&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/35438208" target="\_blank"&gt;35438208&lt;/a&gt;). Acts as a negative regulator of the cGAS-STING pathway by mediating palmitoylation and inactivation of CGAS (PubMed:&lt;a href="http://www.uniprot.org/citations/35438208" target="\_blank"&gt;35438208&lt;/a&gt;).

href="http://www.uniprot.org/citations/35438208" target="\_blank">35438208</a>). May also have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and therefore regulate G protein-coupled receptor signaling (PubMed:<a href="http://www.uniprot.org/citations/27481942" target="\_blank">27481942</a>).

**Cellular Location**

Golgi apparatus membrane; Multi-pass membrane protein

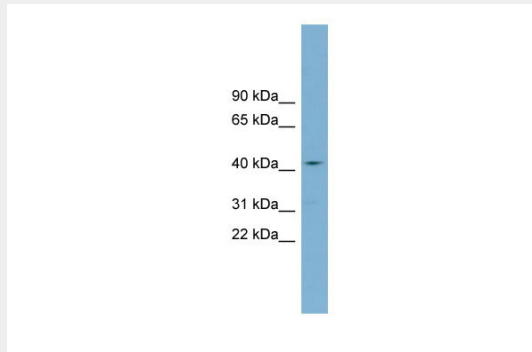
**Tissue Location**

Widely expressed..

**ZDHHC18 antibody - middle region - 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](#)

**ZDHHC18 antibody - middle region - Images**

WB Suggested Anti-ZDHHC18 Antibody Titration: 0.2-1 µg/ml

Positive Control: OVCAR-3 cell lysate

ZDHHC18 is supported by BioGPS gene expression data to be expressed in OVCAR3

**ZDHHC18 antibody - middle region - References**

0ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.