

## Rabbit anti-Human ZDHHC15 Polyclonal Antibody | anti-ZDHHC15 antibody

ZDHHC15 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA324934 | Rabbit | Human      | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

ZDHHC15; Polyclonal Antibody; ZDHHC15 Antibody; DHHC-15; Palmitoyltransferase ZDHHC15; UNQ1969/PRO4501; ZDH15\_HUMAN; Zdhhc15; Zinc finger DHHC domain-containing protein 15; anti-ZDHHC15 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                               |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                        |
| Reactivity                                        | Human                                                                                         |
| Clonality                                         | Polyclonal                                                                                    |
| Isotype                                           | IgG                                                                                           |
| Specificity                                       | ZDHHC15 antibody detects endogenous levels of total ZDHHC15                                   |
| Purity/Purification                               | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                       | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                     | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                   | 328                                                                                           |
| Applicable Applications for anti-ZDHHC15 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                         | A synthesized peptide                                                                         |
| Subcellular Location                              | Membrane.                                                                                     |
| Tissue Specificity                                | Expressed in placenta, liver, lung, kidney, heart and brain.                                  |
| Conjugation                                       | Unconjugated                                                                                  |
| Preparation and Storage                           | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

### IMAGES



#### IF (Immunofluorescence)

AAA324934 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



#### WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using ZDHHC15 antibody.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ZDHHC15 antibody | Function: Catalyzes palmitoylation of Cys residues on target proteins. Catalyzes palmitoylation of GAP43 and DLG4/PSD95.<br>Post-translational Modifications: Autopalmitoylated (in vitro).<br>Similarity: The DHHC domain is required for palmitoyltransferase activity. Belongs to the DHHC palmitoyltransferase family. |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 226342941                              |
| NCBI GeneID                      | 158866                                 |
| NCBI Accession #                 | NP_001139728.1                         |
| NCBI GenBank Nucleotide #        | NM_001146256.1                         |
| UniProt Accession #              | Q96MV8; Q3SY30; Q6UWH3; B3KVG7         |
| Molecular Weight                 | Observed: 38 kD<br>Predicted: 40 kDa   |
| NCBI Official Full Name          | palmitoyltransferase ZDHHC15 isoform 2 |
| NCBI Official Synonym Full Names | zinc finger DHHC-type containing 15    |
| NCBI Official Symbol             | ZDHHC15                                |
| NCBI Official Synonym Symbols    | MRX91; DHHC15                          |
| NCBI Protein Information         | palmitoyltransferase ZDHHC15           |
| UniProt Protein Name             | Palmitoyltransferase ZDHHC15           |
| UniProt Gene Name                | ZDHHC15                                |
| UniProt Synonym Gene Names       | DHHC-15                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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