

**bs-6628R****[ Primary Antibody ]****ZDHHC17 Rabbit pAb**

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**— DATASHEET —**

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| <b>Host:</b> Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>IHC-P</b> (1:100-500)<br><b>IHC-F</b> (1:100-500)<br><b>IF</b> (1:100-500)<br><b>ELISA</b> (1:5000-10000)<br><br><b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog)<br><br><b>Predicted MW.:</b> 73 kDa<br><br><b>Subcellular Location:</b> Extracellular matrix ,Cell membrane ,Cytoplasm |
| <b>Clonality:</b> Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>GeneID:</b> 23390                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>SWISS:</b> Q8IUH5 |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target:</b> ZDHHC17                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ZDHHC17: 365-460/632.                                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification:</b> affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration:</b> 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Background:</b> ZDHHC17 is a neuronal palmitoyl transferase. Palmitoylation is critical for trafficking and function of signaling molecules, neurotransmitter receptors, and synaptic scaffolding proteins in neurons. ZDHHC17 causes cellular transformation. It has been shown that mRNA encoding ZDHHC17 is up-regulated in a number of types of human tumors, thus ZDHHC17 and other PATs (palmitoyl acyltransferases) are potential targets for new anticancer drugs. |                      |                                                                                                                                                                                                                                                                                                                                                                                    |

**— SELECTED CITATIONS —**

- **[IF=14.6]** Xuewen Yang. et al. Palmitoylated SARM1 targeting P4HA1 promotes collagen deposition and myocardial fibrosis: A new target for anti-myocardial fibrosis. ACTA PHARM SIN B. 2025 Jul;: IF ;Mouse. 10.1016/j.apsb.2025.07.011