

Datasheet for ABIN6150416
anti-ZDHHC17 antibody (AA 170-310)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ZDHHC17
Binding Specificity:	AA 170-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZDHHC17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 170-310 of human ZDHHC17 (NP_056151.2).
Sequence:	TSIVAYLIAK GQDVMMDQN GMTPLMWAAY RTHSVDPTLRL LLTFNVSVDNL GDKYHKNTAL HWAVLAGNTT VISLLLEAGA NVDAQNIKGE SALDLAKQRK NVWMINHLQE ARQAKGYDNP SFLRKLKADK EFRQKVMLGT P
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	ZDHHC17
---------	---------

Target Details

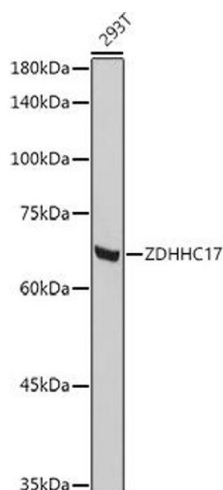
Alternative Name:	ZDHHC17 (ZDHHC17 Products)
Background:	Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates and is involved in a variety of cellular processes. Has no stringent fatty acid selectivity and in addition to palmitate can also transfer onto target proteins myristate from tetradecanoyl-CoA and stearate from octadecanoyl-CoA (By similarity. Palmitoyltransferase specific for a subset of neuronal proteins, including SNAP25, DLG4/PSD95, GAD2, SYT1 and HTT. Also palmitoylates neuronal protein GPM6A as well as SPRED1 and SPRED3. Could also play a role in axonogenesis through the regulation of NTRK1 and the downstream ERK1/ERK2 signaling cascade (By similarity. May be involved in the sorting or targeting of critical proteins involved in the initiating events of endocytosis at the plasma membrane. May play a role in Mg(2+ transport. Could also palmitoylate DNAJC5 and regulate its localization to the Golgi membrane (By similarity.,ZDHHC17,HIP14,HIP3,HSPC294,HYPH,Signal Transduction,Neuroscience,ZDHHC17
Molecular Weight:	22 kDa/23 kDa/72 kDa
Gene ID:	23390
UniProt:	Q8IUH5

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of 293T cells, using ZDHHC17 antibody (ABIN6130455, ABIN6150416, ABIN6150417 and ABIN6222540) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.