

DATASHEET

ZDHHC17 Rabbit Polyclonal Antibody

CAT. NO. APA17348

KEY FEATURES

Target	ZDHHC17	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

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 . 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 . May be involved in the sorting or targeting of critical proteins involved in the initiating events of endocytosis at the plasma membrane .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

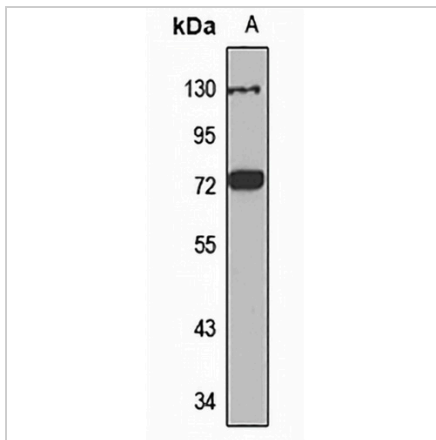
Description	Rabbit polyclonal antibody to ZDHHC17
Specificity	Recognizes endogenous levels of ZDHHC17 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ZDHHC17. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 22; Observed: 73 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HIP14; HIP3; HYPH; KIAA0946; Palmitoyltransferase ZDHHC17; Huntingtin yeast partner H; Huntingtin-interacting protein 14; HIP-14; Huntingtin-interacting protein 3; HIP-3; Huntingtin-interacting protein H; Putative MAPK-activating protein PM11; Putative NF-kappa-B-activating protein 205; Zinc finger DHHC domain-containing protein 17; DHHC-17
Gene Symbol	ZDHHC17
Entrez Gene	23390(Human); 32015(Mouse)
SwissProt	Q8IUH5(Human); Q80TN5(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of ZDHHC17 expression in HEK293T (A) whole cell lysates.
(Predicted band size: 22; 23; 72 kD; Observed band size: 73 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.