

ZDHHC21 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13852

Product Information

Application	WB
Primary Accession	Q5RB84
Other Accession	NM_178566 , NP_848661
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Rat, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31385

Additional Information

Gene ID	100172477
Alias Symbol	DNZ1, DHHC-21, HSPC097, 9130404H11Rik
Other Names	Probable palmitoyltransferase ZDHHC21, 2.3.1.225, Zinc finger DHHC domain-containing protein 21, DHHC-21, ZDHHC21
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-ZDHHC21 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	ZDHHC21 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

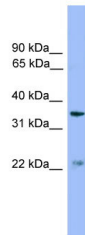
Name	ZDHHC21 {ECO:0000250 UniProtKB:Q8IVQ6}
Function	Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates (By similarity). Palmitoylates sex steroid hormone receptors, including ESR1, PGR and AR, thereby regulating their targeting to the plasma membrane. This affects rapid intracellular signaling by sex hormones via ERK and AKT kinases and the generation of cAMP, but does not affect that mediated by their nuclear receptor (By similarity). Palmitoylates FYN, regulates its localization in hair follicles and plays a key role in epidermal homeostasis and hair follicle differentiation. Through the palmitoylation of PLCB1 and the regulation of PLCB1 downstream signaling may indirectly regulate the function of the endothelial barrier and the adhesion of

leukocytes to the endothelium. Also has a palmitoyltransferase activity toward ADRA1D, positively regulating its activity and expression and may thereby play a role in vascular contraction. May also palmitoylate eNOS and LCK (By similarity).

Cellular Location

Golgi apparatus membrane {ECO:0000250|UniProtKB:Q8IVQ6}; Multi-pass membrane protein. Golgi apparatus, cis-Golgi network membrane {ECO:0000250|UniProtKB:Q9D270}; Multi-pass membrane protein. Cell membrane {ECO:0000250|UniProtKB:Q8IVQ6}; Multi-pass membrane protein

Images



WB Suggested Anti-ZDHHC21 Antibody Titration: 0.2-1
µg/ml
Positive Control: THP-1 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.