

ZDHHC14 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20773c

Product Information

Application	WB, E
Primary Accession	Q8IZN3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49351
Calculated MW	53388

Additional Information

Gene ID	79683
Other Names	Probable palmitoyltransferase ZDHHC14, NEW1 domain-containing protein, NEW1CP, Zinc finger DHHC domain-containing protein 14, DHHC-14, ZDHHC14
Target/Specificity	This ZDHHC14 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 283-317 amino acids from the Central region of human ZDHHC14.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ZDHHC14 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZDHHC14 (HGNC:20341)
Function	Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates. May have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and thereby regulate G protein-coupled receptor signaling (PubMed: 27481942). May play a role in cell

differentiation and apoptosis (PubMed:[21151021](#), PubMed:[24407904](#)).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus, Golgi stack membrane; Multi-pass membrane protein

Tissue Location

Widely expressed..

References

Guo J.H.,et al.Submitted (AUG-2002) to the EMBL/GenBank/DDBJ databases.

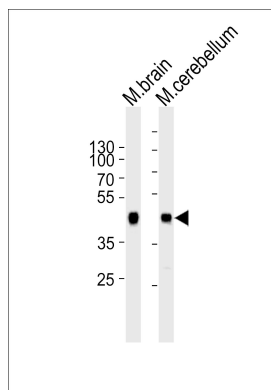
Mungall A.J.,et al.Nature 425:805-811(2003).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

Images



Western blot analysis of lysates from mouse brain and mouse cerebellum tissue lysate (from left to right), using ZDHHC14 Antibody (Center)(Cat. #AP20773c). AP20773c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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