

ZDHHC18 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22103b**Specification**

ZDHHC18 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	O9NUE0
Other Accession	O5Y5T2 , O2TGJ1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	42031

ZDHHC18 Antibody (C-Term) - Additional Information**Gene ID** 84243**Other Names**

Palmitoyltransferase ZDHHC18, 2.3.1.225, Zinc finger DHHC domain-containing protein 18, DHHC-18, ZDHHC18

Target/Specificity

This ZDHHC18 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 331-361 amino acids from human ZDHHC18.

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

ZDHHC18 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZDHHC18 Antibody (C-Term) - Protein Information**Name** ZDHHC18 {ECO:0000303|PubMed:35438208, ECO:0000312|HGNC:HGNC:20712}

Function Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates, such as CGAS, HRAS and LCK (PubMed:[23034182](#), PubMed:[27481942](#), PubMed:[35438208](#)). Acts as a negative regulator of the cGAS-STING pathway by mediating palmitoylation and inactivation of CGAS (PubMed:[35438208](#)). May also have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and therefore regulate G protein-coupled receptor signaling (PubMed:[27481942](#)).

Cellular Location

Golgi apparatus membrane; Multi-pass membrane protein

Tissue Location

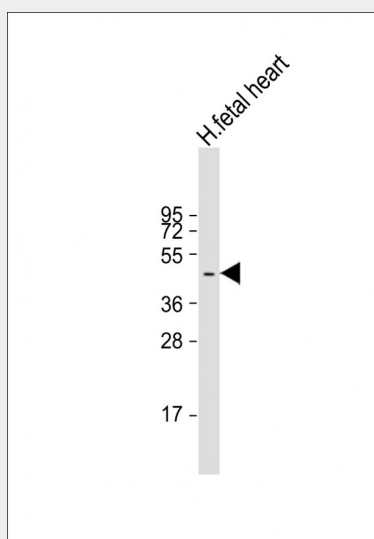
Widely expressed..

ZDHHC18 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZDHHC18 Antibody (C-Term) - Images



Anti-ZDHHC18 Antibody (C-Term) at 1:1000 dilution + human fetal heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ZDHHC18 Antibody (C-Term) - Background

Has palmitoyltransferase activity towards HRAS and LCK.

ZDHHC18 Antibody (C-Term) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).