

ZDHHC9 Antibody (aa315-364)
Rabbit Polyclonal Antibody
Catalog # ALS15507**Specification****ZDHHC9 Antibody (aa315-364) - Product Information**

Application	WB, IHC
Primary Accession	O9Y397
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

ZDHHC9 Antibody (aa315-364) - Additional Information**Gene ID** 51114**Other Names**

Palmitoyltransferase ZDHHC9, 2.3.1.225, Zinc finger DHHC domain-containing protein 9, DHHC-9, DHHC9, Zinc finger protein 379, Zinc finger protein 380, ZDHHC9, CXorf11, ZDHHC10, ZNF379, ZNF380

Target/Specificity

ZDHHC9 Antibody detects endogenous levels of total ZDHHC9 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

ZDHHC9 Antibody (aa315-364) is for research use only and not for use in diagnostic or therapeutic procedures.

ZDHHC9 Antibody (aa315-364) - Protein Information**Name** ZDHHC9 {ECO:0000303|PubMed:37802025, ECO:0000312|HGNC:HGNC:18475}**Function**

Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates, such as ADRB2, HRAS, NRAS and CGAS (PubMed: [16000296](http://www.uniprot.org/citations/16000296), PubMed: [27481942](http://www.uniprot.org/citations/27481942), PubMed: [37802025](http://www.uniprot.org/citations/37802025)). The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS (PubMed: [16000296](http://www.uniprot.org/citations/16000296)). May have a palmitoyltransferase activity toward the beta-2 adrenergic receptor/ADRB2 and therefore regulate G protein- coupled receptor signaling (PubMed: [27481942](http://www.uniprot.org/citations/27481942)). Acts as a regulator of innate immunity by catalyzing palmitoylation of CGAS, thereby promoting CGAS homodimerization and cyclic GMP-AMP synthase activity (PubMed: [27481942](#)).

href="http://www.uniprot.org/citations/37802025" target="_blank">37802025).

Cellular Location

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

Tissue Location

Highly expressed in kidney, skeletal muscle, brain, lung and liver. Absent in thymus, spleen and leukocytes

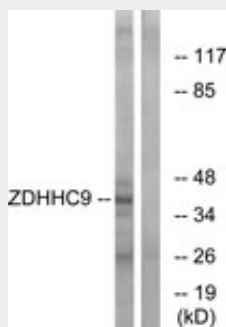
Volume

50 μ l

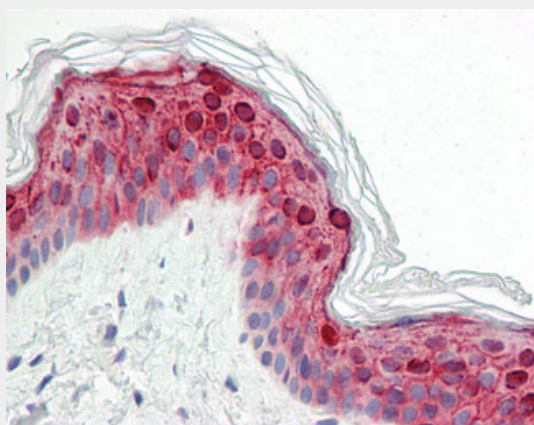
ZDHHC9 Antibody (aa315-364) - Protocols

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](#)

ZDHHC9 Antibody (aa315-364) - Images

Western blot of extracts from COLO cells, using ZDHHC9 Antibody.



Anti-ZDHHC9 antibody IHC of human skin.

ZDHHC9 Antibody (aa315-364) - Background

The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS.

ZDHHC9 Antibody (aa315-364) - References

Zhou F.L.,et al.Cancer Immunol. Immunother. 55:910-917(2006).

Lai C.-H.,et al.Genome Res. 10:703-713(2000).

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

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

Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.