

ZDHHC4 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20836a**Specification**

ZDHHC4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9NPG8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

ZDHHC4 Antibody (N-term) - Additional Information**Gene ID** 55146**Other Names**

Probable palmitoyltransferase ZDHHC4, Zinc finger DHHC domain-containing protein 4, DHHC-4, Zinc finger protein 374, ZDHHC4, ZNF374

Target/Specificity

This ZDHHC4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 24-57 amino acids from the N-terminal region of human ZDHHC4.

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

ZDHHC4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZDHHC4 Antibody (N-term) - Protein Information**Name** ZDHHC4 ([HGNC:18471](#))**Synonyms** ZNF374**Function** Palmitoyltransferase that catalyzes the addition of palmitate onto protein substrates

including the D(2) dopamine receptor DRD2, GSK3B or MAVS. Mediates GSK3B palmitoylation to prevent its AKT1- mediated phosphorylation leading to activation of the STAT3 signaling pathway (PubMed:[35606353](#)). Also catalyzes MAVS palmitoylation which promotes its stabilization and activation by inhibiting 'Lys-48'- but facilitating 'Lys-63'-linked ubiquitination (PubMed:[38016475](#)).

Cellular Location

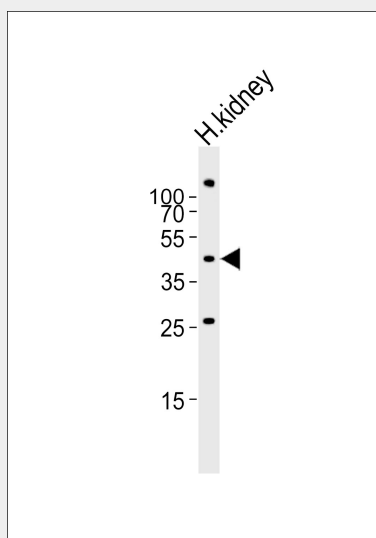
Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

ZDHHC4 Antibody (N-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](#)

ZDHHC4 Antibody (N-term) - Images



Western blot analysis of lysate from human kidney tissue lysate, using ZDHHC4 Antibody (N-term)(Cat. #AP20836a). AP20836a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

ZDHHC4 Antibody (N-term) - References

Li Y.,et al.Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

ZDHHC4 Antibody (N-term) - Citations

- [Transient scrotal hyperthermia affects human sperm DNA integrity, sperm apoptosis, and sperm protein expression.](#)