

**ZDHHC7 polyclonal antibody**

Catalog: BS35354

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Palmitoyltransferase ZDHHC7: Golgi-localized palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates and therefore functions in several unrelated biological processes. Has no stringent fatty acid selectivity and in addition to palmitate can also transfer onto target proteins myristate from tetradecanoyl-CoA and stearate from octadecanoyl-CoA (By similarity). Palmitoylates sex steroid hormone receptors, including ESR1, PGR and AR, thereby regulating their targeting to the plasma membrane and their function in rapid intracellular signaling upon binding of sex hormones. Palmitoylates GNAQ, a heterotrimeric G protein, regulating its dynamic localization at the plasma membrane and is thereby involved in GNAQ-dependent G protein-coupled receptor signaling pathways. Also functions in ligand-induced cell death by regulating the FAS signaling pathway through the palmitoylation and...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~35.1 kDa

Swiss-Prot:

Q9NXF8

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of ZDHHC7 protein

DATA:

Western blot analysis of LYL1 expression in mouse muscle (A), rat muscle (B) whole cell lysates.

Immunohistochemical analysis of LYL1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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