

ZDHHC15 polyclonal antibody

Catalog: BS62420

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Palmitoyltransferase ZDHHC15, palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates. 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. Palmitoylates IGF2R and SORT1, promoting their partitioning to an endosomal membrane subdomain where they can interact with the retromer cargo-selective complex. Thereby, regulates retrograde transport from endosomes to the Golgi apparatus of these lysosomal sorting receptors and plays a role in trafficking of lysosomal proteins. In the nervous system, catalyzes the palmitoylation of DLG4/PSD95 and regulates its synaptic clustering and function in synaptogenesis. Could be involved in the differentiation of dopaminergic neurons and the development of the diencephalon. Could also catalyze the palmitoylation of GAP43. Could also palmitoylate DNAJC5 and regulate its localization to the Golgi membrane. Could also palmitoylate FYN as shown in vitro.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 39 kDa

Swiss-Prot:

Q96MV8

Purification&Purity:

The protein was purified from E.coli and the purity is >

95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

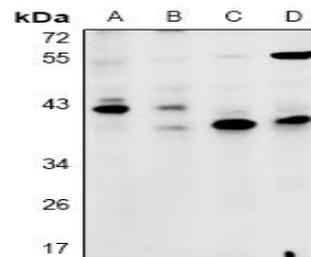
Storage&Stability:

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

Specificity:

ZDHHC15 polyclonal antibody detects endogenous levels of ZDHHC15 protein.

DATA:



Western blot (WB) analysis of ZDHHC15 polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:HepG2 whole cell lysate

LaneC:Aml-12 whole cell lysate

LaneD:C6 whole cell lysate

Note:

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

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