

ZDHHC2 Antibody

货号: AYP6322

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF ELISA
推荐浓度	WB: 1:500 - 1:2000 IF: 1:50 - 1:200
理论分子量	
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	BxPC-3,Rat lung
细胞定位	endoplasmic reticulum,Golgi apparatus,plasma membrane,postsynaptic density,postsynaptic recycling endosome
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human ZDHHC2.
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靶点信息

研究背景	Palmitoyltransferase that catalyzes the addition of palmitate onto various protein substrates and is involved in a variety of cellular 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. In the nervous system, plays a role in long term synaptic potentiation by palmitoylating A KAP5 through which it regulates protein trafficking from the dendritic recycling endosomes to the plasma membrane and controls both structural and functional plasticity at excitatory synapses (By similarity. In dendrites, mediates the palmitoylation of DLG4 when synaptic activity decreases and induces synaptic clustering of DLG4 and associated AMPA-type glutamate receptors (By similarity. Also mediates the de novo and turnover palmitoylation of RGS7BP, a shuttle for Gi/o-specific GTPase-activating proteins/GAPs, promoting its localization to the plasma membrane in response to the activation of G protein-coupled receptors.
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基因ID	51201
基因名	ZDHHC2
Swiss	Q9UIJ5
别名	DHHC2;ZNF372;ZDHHC2

产品验证

实验步骤

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