



ZDHHC2 Polyclonal Antibody

Catalog No	YP-Ab-02167
Isotype	IgG
Reactivity	Human;Mouse;Rat;Monkey
Applications	WB;ELISA
Gene Name	ZDHHC2
Protein Name	Palmitoyltransferase ZDHHC2
Immunogen	The antiserum was produced against synthesized peptide derived from human ZDHHC2. AA range:61-110
Specificity	ZDHHC2 Polyclonal Antibody detects endogenous levels of ZDHHC2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ZDHHC2; REAM; REC; ZNF372; Palmitoyltransferase ZDHHC2; Reduced expression associated with metastasis protein; Ream; Reduced expression in cancer protein; Rec; Zinc finger DHHC domain-containing protein 2; DHHC-2; Zinc finger protein 372
Observed Band	42kD
Cell Pathway	Cell junction, synapse, postsynaptic density . Postsynaptic recycling endosome membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein . Translocates to postsynaptic density when synaptic activity decreases. .
Tissue Specificity	Ubiquitously expressed (PubMed:10918388, PubMed:22034844). Reduced expression in colorectal cancers with liver metastasis (PubMed:10918388).
Function	catalytic activity:Palmitoyl-CoA + protein-cysteine = S-palmitoyl protein + CoA.,disease:Mutations in ZDHHC2 are found in hepatocellular carcinoma and colorectal cancer.,domain:The DHHC domain is required for palmitoyltransferase activity.,function:Palmitoyltransferase specific for GAP43 and DLG4/PSD95.,similarity:Belongs to the DHHC palmitoyltransferase family.,similarity:Contains 1 DHHC-type zinc finger.,tissue specificity:Ubiquitously expressed. Reduced expression in colorectal cancers.,



Background

catalytic activity: Palmitoyl-CoA + protein-cysteine = S-palmitoyl protein + CoA., disease: Mutations in ZDHHC2 are found in hepatocellular carcinoma and colorectal cancer., domain: The DHHC domain is required for palmitoyltransferase activity., function: Palmitoyltransferase specific for GAP43 and DLG4/PSD95., similarity: Belongs to the DHHC palmitoyltransferase family., similarity: Contains 1 DHHC-type zinc finger., tissue specificity: Ubiquitously expressed. Reduced expression in colorectal cancers.,

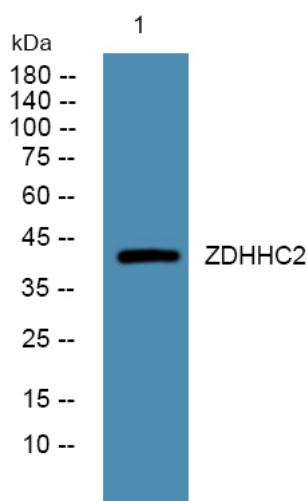
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night