



# ZDHHC2 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-02167
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat;Monkey
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ZDHHC2
<b>Protein Name</b>	Palmitoyltransferase ZDHHC2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ZDHHC2. AA range:61-110
<b>Specificity</b>	ZDHHC2 Polyclonal Antibody detects endogenous levels of ZDHHC2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	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
<b>Observed Band</b>	42kD
<b>Cell Pathway</b>	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. .
<b>Tissue Specificity</b>	Ubiquitously expressed (PubMed:10918388, PubMed:22034844). Reduced expression in colorectal cancers with liver metastasis (PubMed:10918388).
<b>Function</b>	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.,

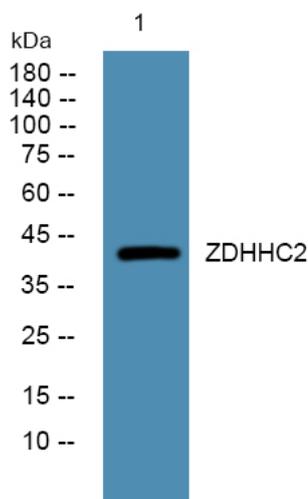
**matters needing attention**

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