

Rabbit Anti-ZDHHC7 antibody

SL12088R

Product Name ZDHHC7

Chinese Name Zinc finger protein370 抗体

Alias ZNF370; DHHC 7; DHHC7; FLJ10792; FLJ20279; Palmitoyltransferase ZDHHC7; ZDHHC 7; Zinc finger DHHC domain containing 7; Zinc finger DHHC domain containing protein 7; Zinc finger DHHC type containing 7; Zinc finger protein 370; ZNF 370.

Research Area Cell biology Neurobiology Signal transduction transcriptional regulatory factor Channel protein Transporter Zinc finger protein The cell membrane 蛋白

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Sheep,)

IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
(Paraffin sections need antigen repair)

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 35kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human ZDHHC7/ZNF370: 201-308/308

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZDHHC1 (zinc finger, DHHC-type containing 1), also known as ZNF377 (zinc finger protein 377) or C16orf1, is a 485 amino acid multi-pass membrane protein that contains one DHHC-type zinc finger. Expressed in fetal heart, lung and kidney and also present in adult lung and pancreas, ZDHHC1 functions as a palmitoyltransferase that catalyzes the conversion of palmitoyl-CoA and protein-cysteine to S-palmitoyl protein and CoA. Like ZDHHC1, ZDHHC5, ZDHHC6, ZDHHC7 and ZDHHC18 each contain one DHHC-type zinc finger through which they convey palmitoyltransferase activity against a broad range of substrates, including H-Ras, SNAP 25 and GABAA R proteins.

Function:

ZDHHC7 is a Palmitoyltransferase with broad specificity which palmitoylates SNAP25 and DLG4/PSD95 and may palmitoylate GABA receptors on their gamma subunit (GABRG1, GABRG2 and GABRG3) and regulate their synaptic clustering and/or cell surface stability.

Subcellular Location:

Membrane; Multi-pass membrane protein

Similarity:

Belongs to the DHHC palmitoyltransferase family.
Contains 1 DHHC-type zinc finger.

SWISS:

Q9NXF8

Gene ID:

55625

Database links:

[Entrez Gene: 55625](#) Human

[SwissProt: Q9NXF8](#) Human

**Product
Detail**