



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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or 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
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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

Important Note:

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