



Rabbit Anti-ZDHHC-12 antibody

SL6958R

Product Name:	ZDHHC-12
Chinese Name:	Zinc finger proteinZdhhc12抗体
Alias:	DHHC12; DHHC-12; Palmitoyltransferase ZDHHC12; ZDH12_HUMAN; Zdhhc12; Zinc finger DHHC domain-containing protein 12; DHHC-12; Probable palmitoyltransferase ZDHHC12; ZDH12_HUMAN; ZDHHC12; Zinc finger DHHC domain-containing protein 12; Zinc finger DHHC type containing 12; Zinc finger protein 400; ZNF400.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=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:	30kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZDHHC-12:165-267/267
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. ZDHHC12 (zinc finger, DHHC domain containing 12), also known as

ZNF400, is a 267 amino acid multi-pass membrane protein that contains one DHHC-type zinc finger and is thought to function as a palmitoyltransferase, catalyzing the transformation of palmitoyl-CoA and a cysteine-conjugated protein to a S-palmitoyl protein and free CoA. Three isoforms exist due to alternative splicing events. The gene encoding ZDHHC12 maps to human chromosome 9, which consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Chromosome 9 is considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype.

Subcellular Location:

Membrane; Multi-pass membrane protein

Similarity:

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

SWISS:

Q96GR4

Gene ID:

84885

Database links:

[Entrez Gene: 505354](#) Cow

[Entrez Gene: 608478](#) Dog

[Entrez Gene: 100066906](#) Horse

[Entrez Gene: 84885](#) Human

[Entrez Gene: 100519816](#) Pig

[Entrez Gene: 366014](#) Rat

[SwissProt: Q96GR4](#) Human

[SwissProt: Q6DGF5](#) Rat

[Unigene: 133122](#) Human

[Unigene: 95138](#) Rat

Important Note:

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