



Rabbit Anti-ZDHHC-18 antibody

SL8641R

Product Name:	ZDHHC-18
Chinese Name:	Zinc finger proteinZdhhc18抗体
Alias:	DHHC-18; DKFZp667O2416; Palmitoyltransferase ZDHHC18; ZDH18_HUMAN; Zdhhc18; Zinc finger DHHC domain-containing protein 18.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,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:	42kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZDHHC-18:265-360/388
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:

Has palmitoyltransferase activity towards HRAS and LCK.

Subcellular Location:

Membrane; Multi-pass membrane protein

Similarity:

Belongs to the DHHC palmitoyltransferase family. ERF2/ZDHHC9 subfamily. Contains 1 DHHC-type zinc finger.

SWISS:

Q9NUE0

Gene ID:

84243

Database links:

[Entrez Gene: 84243](#)Human

[Entrez Gene: 503610](#)Mouse

[Entrez Gene: 362613](#)Rat

[SwissProt: Q9NUE0](#)Human

[SwissProt: Q5Y5T2](#)Mouse

[SwissProt: Q2TGJ1](#)Rat

[Unigene: 523710](#)Human

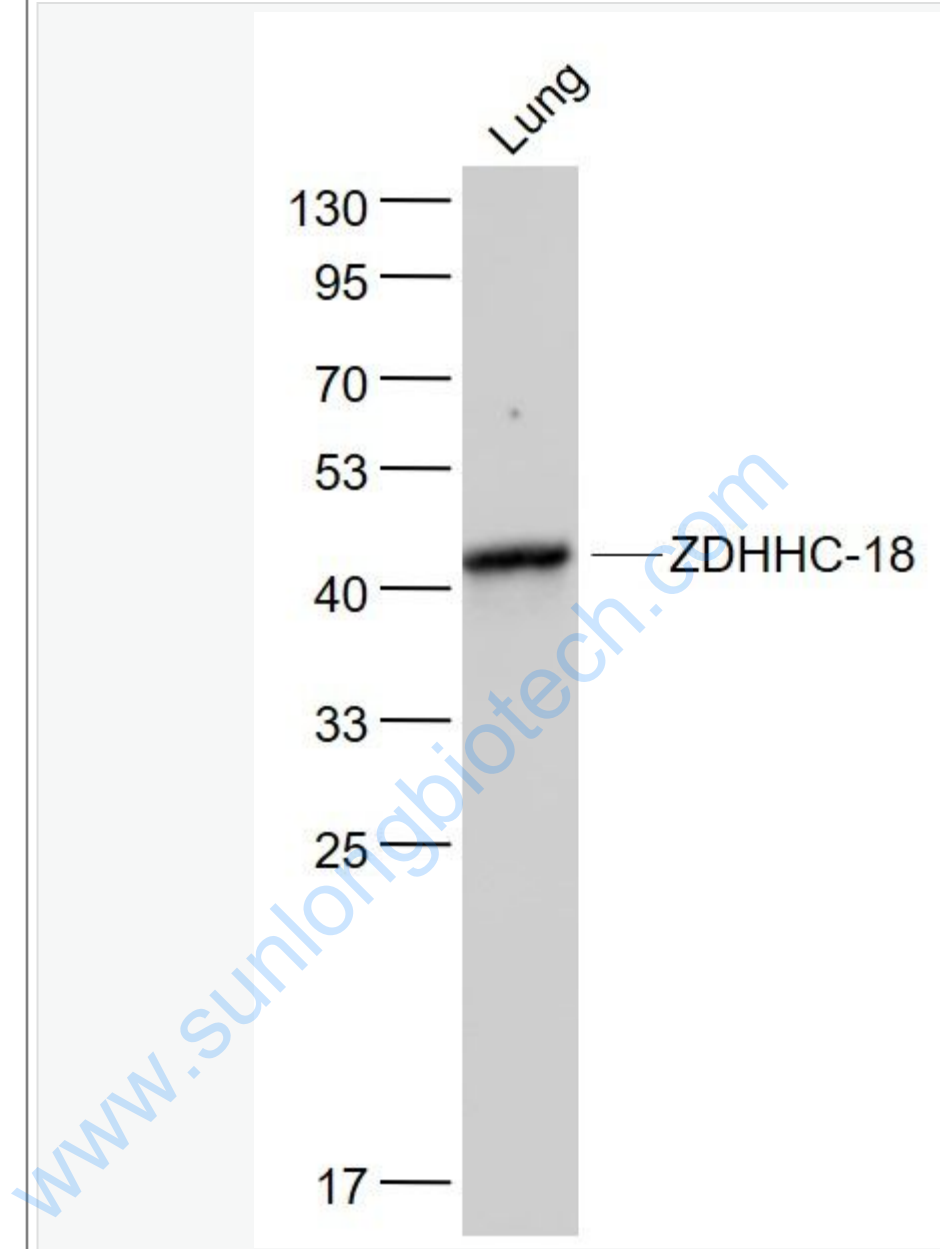
[Unigene: 331948](#)Mouse

[Unigene: 203345](#)Rat

Important Note:

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

Picture:



Sample:

Lung (Mouse) Lysate at 40 ug

Primary: Anti- ZDHHC-18 (SL8641R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42 kD

	Observed band size: 42 kD
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