



Rabbit Anti-ELOVL5 antibody

SL7054R

Product Name:	ELOVL5
Chinese Name:	长链脂肪酸延长酶长ELOVL5抗体
Alias:	3 keto acyl CoA synthase ELOVL5; 3-keto acyl-CoA synthase Elovl5; dJ483K16.1; Elongation of very long chain fatty acids like 5; Elongation of very long chain fatty acids protein 5; ELOV5_HUMAN; ELOVL 5; ELOVL family member 5; ELOVL family member 5 elongation of long chain fatty acids; ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast); ELOVL fatty acid elongase 5; ELOVL2; elovl5; Fatty acid elongase 1; HELO1; Homolog of yeast long chain polyunsaturated fatty acid elongation enzyme 2; OTTHUMP00000017867; RP3 483K16.1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	33kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ELOVL5:211-299/299
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

Condensing enzyme that catalyzes the synthesis of monounsaturated and of polyunsaturated very long chain fatty acids Acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C18:3(n-6) acyl-CoA.
Tissue specificity: Ubiquitous. Highly expressed in the adrenal gland and testis. Weakly expressed in prostate, lung and brain.

Function:

Condensing enzyme that catalyzes the synthesis of monounsaturated and of polyunsaturated very long chain fatty acids Acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C18:3(n-6) acyl-CoA.

Subcellular Location:

Endoplasmic reticulum membrane; Multi-pass membrane protein.

Tissue Specificity:

Ubiquitous. Highly expressed in the adrenal gland and testis. Weakly expressed in prostate, lung and brain.

Similarity:

Belongs to the ELO family.

SWISS:

Q9NYP7

Gene ID:

60481

Database links:

[Entrez Gene: 60481](#)Human

[Entrez Gene: 68801](#)Mouse

[Entrez Gene: 171400](#)Rat

[Omim: 611805](#)Human

[SwissProt: Q9NYP7](#)Human

[SwissProt: Q8BHI7](#)Mouse

[SwissProt: Q920L7](#)Rat

[Unigene: 725124](#)Human

[Unigene: 430736](#)Mouse

[Unigene: 475262](#)Mouse

[Unigene: 212229](#)Rat

Product Detail:

Important Note:

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

Picture:



Sample:

Cerebrum (Rat) Lysate at 40 ug

Primary: Anti- ELOVL5 (SL7054R) at 1/1000 dilution

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

Predicted band size: 33 kD

Observed band size: 34 kD

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