



Rabbit Anti-ELOVL2 antibody

SL7053R

Product Name:	ELOVL2
Chinese Name:	长链脂肪酸延长酶ELOVL2抗体
Alias:	3 keto acyl CoA synthase ELOVL2; 3-keto acyl-CoA synthase Elovl2; Elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast) like 2; Elongation of very long chain fatty acids protein 2; ELOV2_HUMAN; ELOVL fatty acid elongase 2; Elovl2; FLJ20334; OTTHUMP00000016029; SSC2; ELOVL2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,
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:	35kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ELOVL2:201-296/296
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:	Condensing enzyme that catalyzes the synthesis of polyunsaturated very long chain fatty acid (C20- and C22-PUFA). Acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C20:4(n-6) acyl-CoA.

Function:

Condensing enzyme that catalyzes the synthesis of polyunsaturated very long chain fatty acid (C20- and C22-PUFA). Acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C20:4(n-6) acyl-CoA.

Subcellular Location:

Endoplasmic reticulum membrane; Multi-pass membrane protein.

Tissue Specificity:

Liver and testis.

Similarity:

Belongs to the ELO family.

SWISS:

Q9NXB9

Gene ID:

54898

Database links:

[Entrez Gene: 54898](#)Human

[Entrez Gene: 54326](#)Mouse

[Entrez Gene: 498728](#)Rat

[Oimim: 611814](#)Human

[SwissProt: Q9NXB9](#)Human

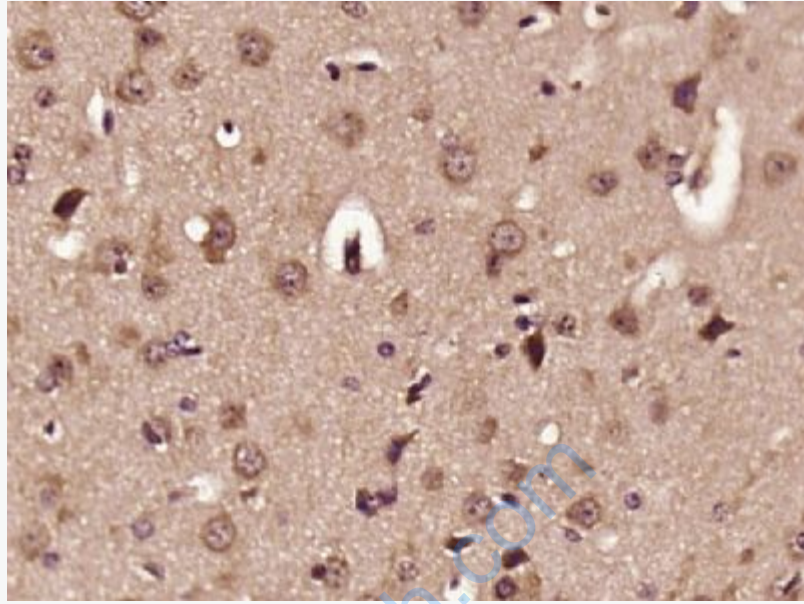
[SwissProt: Q9JLJ4](#)Mouse

[Unigene: 656436](#)Human

[Unigene: 2567](#)Mouse

Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ELOVL2) Polyclonal Antibody, Unconjugated (SL7053R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.