

ELOVL2 antibody

Product Information

Catalog No.:	FNab02746
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Catalyzes the first and rate-limiting reaction of the four that constitute the long-chain fatty acids elongation cycle. This endoplasmic reticulum-bound enzymatic process, allows the addition of 2 carbons to the chain of long-and very long-chain fatty acids/VLCFAs per cycle. Acts specifically toward polyunsaturated acyl-CoA with the higher activity toward C20:4(n-6) acyl-CoA. Condensing enzyme that catalyzes the synthesis of polyunsaturated very long chain fatty acid(C20-and C22-PUFA). May participate to the production of polyunsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators.

Immunogen information

Immunogen:	elongation of very long chain fatty acids(FEN1/Elo2, SUR4/Elo3, yeast)-like 2
Synonyms:	Very long chain fatty acid elongase 2 3-keto acyl-CoA synthase ELOVL2 ELOVL fatty acid elongase 2 (ELOVL FA elongase 2) Elongation of very long chain fatty acids protein 2 Very long chain 3-ketoacyl-CoA synthase 2 Very long chain 3-oxoacyl-CoA synthase 2 ELOVL2 ELG3 SSC2
Observed MW:	None
Uniprot ID :	Q9NXB9

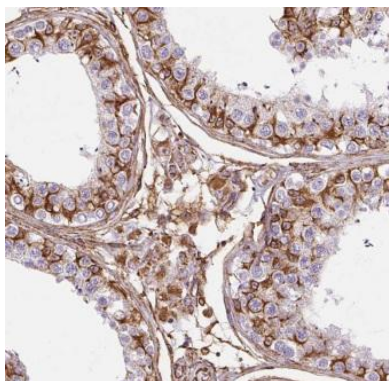
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, IHC

Recommended dilution: IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab02746(ELOVL2 antibody) at dilution of 1:50