

## ELOVL4 antibody

### Product Information

Catalog No.:	FNab02747
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. Condensing enzyme that specifically elongates C24:0 and C26:0 acyl-CoAs. May participate to the production of saturated and monounsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators. May play a critical role in early brain and skin development.

### Immunogen information

Immunogen:	elongation of very long chain fatty acids(FEN1/Elo2, SUR4/Elo3, yeast)-like 4
Synonyms:	Very long chain fatty acid elongase 4 3-keto acyl-CoA synthase ELOVL4 ELOVL fatty acid elongase 4 (ELOVL FA elongase 4) Elongation of very long chain fatty acids protein 4 Very long chain 3-ketoacyl-CoA synthase 4 Very long chain 3-oxoacyl-CoA synthase 4 ELOVL4
Observed MW:	37-40 kDa
Uniprot ID :	Q9GZR5

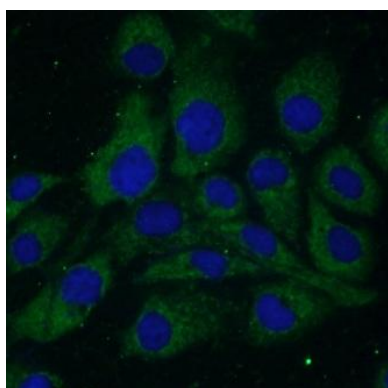
### Application

Reactivity: Human, Mouse, Rat

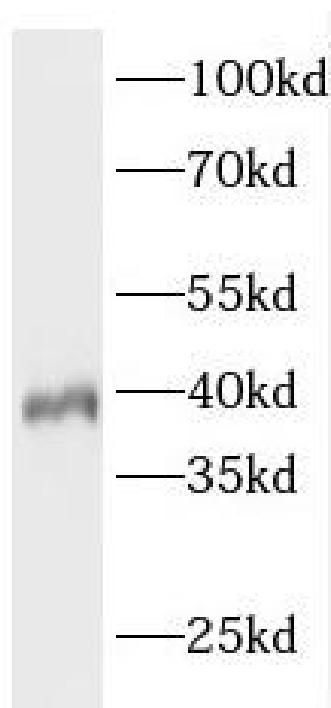
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunofluorescent analysis of A431 cells using FNab02747(ELOVL4 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Y79 cells were subjected to SDS PAGE followed by western blot with FNab02747(ELOVL4 antibody) at dilution of 1:500