

anti- ELOVL6 antibody

Product Information

Catalog No.:	FNab02748
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 elongates fatty acids with 12, 14 and 16 carbons with higher activity toward C16:0 acyl-CoAs. Catalyzes the synthesis of unsaturated C16 long chain fatty acids and, to a lesser extent, C18:0 and those with low desaturation degree. 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.

Immunogen information

Immunogen:	ELOVL family member 6, elongation of long chain fatty acids(FEN1/Elo2, SUR4/Elo3-like, yeast)
Synonyms:	FACE, LCE
Observed MW:	45kd
UniprotID :	Q9H5J4

Application

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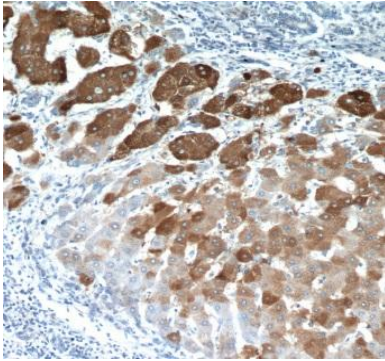
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

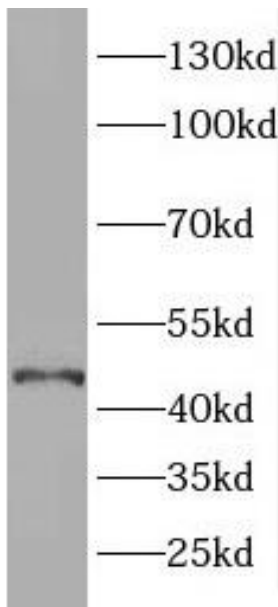
Tested Application: ELISA, WB, IHC

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

Image:



Immunohistochemistry of paraffin-embedded human hepatocirrhosis using FNab02748(ELOVL6 antibody) at dilution of 1:100



Raji cells were subjected to SDS PAGE followed by western blot with FNab02748(ELOVL6 antibody) at dilution of 1:800

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