

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

Catalyzes the first and rate-limiting reaction of the four that constitute the long-chain fatty acid, elongation cycle. This endoplasmic reticulum-bound enzymatic process, allows the addition of 2 carbons to the chain of long- and very long-chain fatty acid, /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.

Gene ID:

ELOVL4

Uniprot

Q9GZR5

Synonyms:

Elongation of very long chain fatty acid, protein 4 (EC 2.3.1.199) (3-keto acyl-CoA synthase ELOVL4) (ELOVL fatty acid, elongase 4) (ELOVL FA elongase 4) (Very long chain 3-ketoacyl-CoA synthase 4) (Very long chain 3-oxoacyl-CoA synthase 4), ELOVL4

Immunogen:

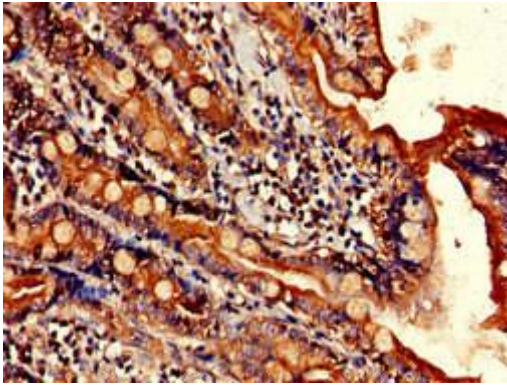
Recombinant Human Elongation of very long chain fatty acid, protein 4 protein (270-314AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

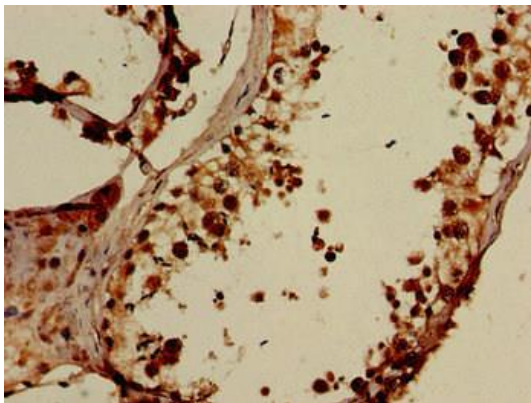
Product Images

N/A



N/A

Immunohistochemistry of paraffin-embedded human small intestine tissue using PACO51086 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO51086 at dilution of 1:100.