

Recombinant

DGRmAb®

ELOVL2 (DGR15023) Rabbit mAb

db15157

Package : 10µL 20µL 50µL 100µL

Product Name : ELOVL2 (DGR15023) Rabbit mAb**Cat.No.:** db15157**Synonyms** : SSC2**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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 in 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

A synthetic peptide of human ELOVL2

Gene ID

54898

Swiss Prot

Q9NXB9

Synonyms

SSC2

Reactivity

Human,Mouse,Rat

Application

WB, IP

Recommended dilution

WB: 1:1000-1:5000

IP: 1:10-1:100

Calculated MW

35 kDa

Observed MW

35 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15023

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.