



Anti-ELOVL3 monoclonal antibody (DCABH-11400)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	ELOVL3 plays a role in fatty acid chain elongation and formation of neutral lipids required for skin barrier function (Westerberg et al., 2004 [PubMed 14581464]).
Immunogen	A synthetic peptide of human ELOVL3 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ELOVL3 ELOVL fatty acid elongase 3 [Homo sapiens]
Official Symbol	ELOVL3
Synonyms	ELOVL3; ELOVL fatty acid elongase 3; elongation of very long chain fatty acids (FEN1/Elo2,

SUR4/Elo3, yeast) like 3; elongation of very long chain fatty acids protein 3; CIG 30; ELOVL FA elongase 3; 3-keto acyl-CoA synthase ELOVL3; cold-inducible glycoprotein of 30 kDa; elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3; CIG30; CIG-30; MGC21435;

Entrez Gene ID	83401
Protein Refseq	NP_689523
UniProt ID	Q9HB03
Chromosome Location	10q24
Pathway	Circadian Clock, organism-specific biosystem; Circadian Repression of Expression by REV-ERBA, organism-specific biosystem; Fatty Acyl-CoA Biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, conserved biosystem; Fatty acid elongation, organism-specific biosystem; Fatty acid elongation, conserved biosystem.
Function	protein binding; transferase activity; transferase activity, transferring acyl groups other than amino-acyl groups;