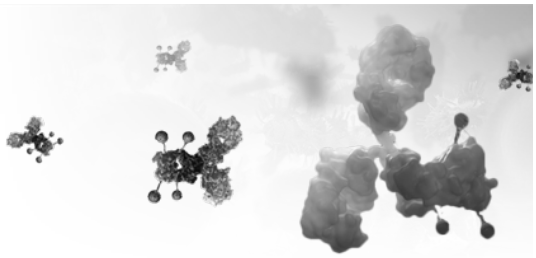

Human ELOVL6 blocking peptide (CDBP1115)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-ELOVL6 antibody
Antigen Description	Fatty acid elongases (EC 6.2.1.3), such as ELOVL6, use malonyl-CoA as a 2-carbon donor in the first and rate-limiting step of fatty acid elongation (Moon et al., 2001 [PubMed 11567032]).
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

Gene Name	ELOVL6 ELOVL fatty acid elongase 6 [Homo sapiens]
Official Symbol	ELOVL6
Synonyms	ELOVL6; ELOVL fatty acid elongase 6; ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3 like, yeast); elongation of very long chain fatty acids protein 6; FLJ23378; LCE; MGC5487; hELO2; ELOVL FA elongase 6; fatty acid elongase 2; fatty acyl-

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	CoA elongase; long-chain fatty-acyl elongase; 3-keto acyl-CoA synthase ELOVL6; ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast); FAE; FACE;
Entrez Gene ID	79071
mRNA Refseq	NM_001130721
Protein Refseq	NP_001124193
UniProt ID	Q9H5J4
Chromosome Location	4q25
Pathway	Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved 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	fatty acid elongase activity; protein binding; transferase activity; transferase activity, transferring acyl groups other than amino-acyl groups;

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