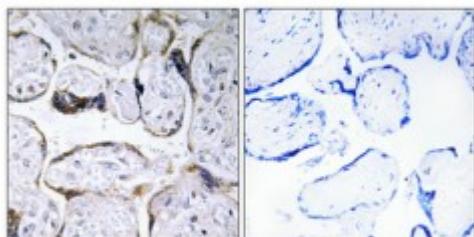


Anti-ELOVL3 antibody



Description	Rabbit polyclonal to ELOVL3.
Model	STJ92902
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human ELOVL3
Immunogen Region	1-80 aa, Internal
Gene ID	83401
Gene Symbol	ELOVL3
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	ELOVL3 Polyclonal Antibody detects endogenous levels of ELOVL3 protein.
Tissue Specificity	Testis.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Elongation of very long chain fatty acids protein 3 3-keto acyl-CoA synthase ELOVL3 Cold-inducible glycoprotein of 30 kDa ELOVL fatty acid elongase 3 ELOVL FA elongase 3 Very long chain 3-ketoacyl-CoA synthase 3 Very lo
Molecular Weight	31.5 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18047OMIM:611815
Alternative Names	Elongation of very long chain fatty acids protein 3 3-keto acyl-CoA synthase ELOVL3 Cold-inducible glycoprotein of 30 kDa ELOVL fatty acid elongase 3 ELOVL FA elongase 3 Very long chain 3-ketoacyl-CoA synthase 3 Very lo
Function	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 with higher activity toward C18 acyl-CoAs, especially C18:0 acyl-CoAs. May participate in 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.
Sequence and Domain Family	The C-terminal di-lysine motif may confer endoplasmic reticulum localization.
Cellular Localization	Endoplasmic reticulum membrane
Post-translational Modifications	N-Glycosylated.