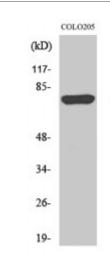


Anti-ACSL6 antibody



4

Description Rabbit polyclonal to ACSL6.

Model STJ91457

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human ACSL6

Immunogen Region 470-550 aa, Internal

Gene ID 23305

Gene Symbol ACSL6

Dilution range WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000

Specificity ACSL6 Polyclonal Antibody detects endogenous levels of ACSL6 protein.

Tissue Specificity Expressed predominantly in erythrocyte precursors, in particular in

reticulocytes, fetal blood cells derived from fetal liver, hemopoietic stem cells

from cord blood, bone marrow and brain.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Long-chain-fatty-acid--CoA ligase 6 Long-chain acyl-CoA synthetase 6

LACS 6

Molecular Weight 78 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:16496OMIM:604443

Alternative Names Long-chain-fatty-acid--CoA ligase 6 Long-chain acyl-CoA synthetase 6

LACS 6

Function Activation of long-chain fatty acids for both synthesis of cellular lipids, and

degradation via beta-oxidation. Plays an important role in fatty acid

metabolism in brain and the acyl-CoAs produced may be utilized exclusively

for the synthesis of the brain lipid.

Cellular Localization Mitochondrion outer membrane Peroxisome membrane Microsome membrane

Endoplasmic reticulum membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580 **T** +44 (0)208 223 3081

W http://www.stjohnslabs.com/ E info@stjohnslabs.com