

ACSL6 polyclonal antibody

Catalog: BS72377

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Acyl-CoA synthetases, also known as long-chain fatty-acid CoA synthases (FACL) or Palmitoyl-CoA ligases, include ACSL1-6, which are all single-pass membrane proteins localizing to the mitochondrion, microsome or peroxisome. ACSL proteins are important for synthesis of cellular lipids and for β -oxidation degradation. Specifically, ACSL proteins catalyze the activation of long-chain fatty acids to acyl-CoAs, which can be metabolized to form CO₂, triacylglycerol (TAG), phospholipids (PL) and cholesteryl esters (CE). ACSL6 has been shown to be an ETV6 fusion partner gene in a recurrent t(5;12) (q31;p13) translocation in a patient with refractory anemia with excess blasts (RAEB) with basophilia, a patient with acute myelogenous leukemia (AML) with eosinophilia, and a patient with acute eosinophilic leukemia (AEL).

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 78 kDa

Swiss-Prot:

Q9UKU0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

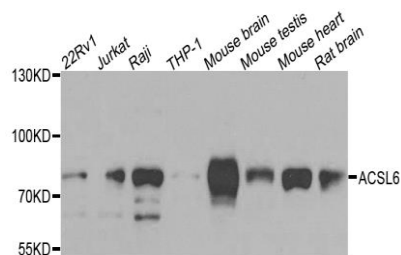
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ACSL6 polyclonal antibody detects endogenous levels of ACSL6 protein.

DATA:



Western blot analysis of extracts of various cell lines, using ACSL6 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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