

## ACSL6 (D531) polyclonal antibody

Catalog: BS3140

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  $\beta$ -oxidation degradation. Specifically, ACSL proteins catalyze the activation of long-chain fatty acids to acyl-CoAs, which can be metabolized to form CO<sub>2</sub>, 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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 78 kDa

### Swiss-Prot:

Q9UKU0

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

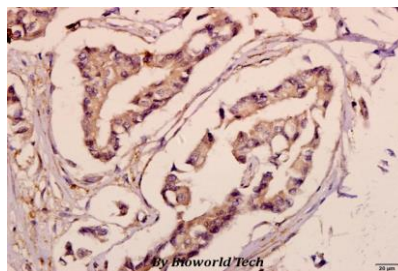
### Storage&Stability:

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

### Specificity:

ACSL6 (D531) polyclonal antibody detects endogenous levels of ACSL6 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of ACSL6 (D531) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

### Note:

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

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