Datasheet for ABIN5647457

anti-ACSL6 antibody (AA 240-270)

1 Image

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Overview

Quantity:	0.08 mL
Target:	ACSL6
Binding Specificity:	AA 240-270
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 240-270 from the human protein was used as the immunogen for this ACSL6 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	ACSL6
Alternative Name:	ACSL6 / FACL6 (ACSL6 Products)
Background:	FACL6 is involved in activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. It 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. FACL6 is expressed predominantly in erythrocyte precursors, in particular in reticulocytes, fetal blood

Target Details

	cells derieved from fetal liver, haemopoietic stem cells from cord blood, bone marrow, and brain. Expression is low at earlier stages of erythroid development but is very high in reticulocytes. This protein is involved in myelodysplastic syndrome (MDS) with basophilia, acute myelogenous leukemia (AML) with eosinophilia, and acute eosinophilic leukemia (AEL). It is characterized by a chromosomal translocation t(5,12)(q31,p13) that involves ETV6 and ACSL6.
UniProt:	Q9UKU0

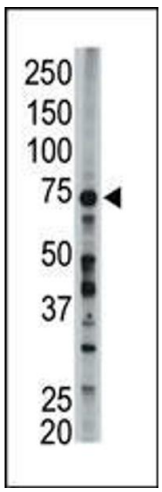
Application Details

Application Notes:	Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ACSL6 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. FACL6 antibody used in western blot to detect FACL6 in mouse liver tissue lysate