

ARG57951 anti-ACSL6 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ACSL6
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ACSL6
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 383-622 of Human ACSL6 (NP_001192180.1).
Conjugation	Un-conjugated
Alternate Names	Long-chain-fatty-acid--CoA ligase 6; ACS2; LACS2; LACS5; EC 6.2.1.3; Long-chain acyl-CoA synthetase 6; FACL6; LACS 6

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse heart	
Observed Size	78 kDa	

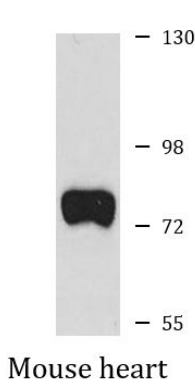
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ACSL6
Gene Full Name	acyl-CoA synthetase long-chain family member 6
Background	The protein encoded by this gene catalyzes the formation of acyl-CoA from fatty acids, ATP, and CoA, using magnesium as a cofactor. The encoded protein plays a major role in fatty acid metabolism in the brain. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute myelogenous leukemia with eosinophilia, and acute eosinophilic leukemia. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2011]
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. [UniProt]
Calculated Mw	78 kDa
Cellular Localization	Endoplasmic reticulum membrane, Microsome membrane, Mitochondrion outer membrane, Peroxisome membrane, Single-pass type III membrane protein. [UniProt]

Images



ARG57951 anti-ACSL6 antibody WB image

Western blot: 25 µg of Mouse heart lysate stained with ARG57951 anti-ACSL6 antibody at 1:1000 dilution.