

For Research Use Only

CoraLite®647-conjugated ACLY Polyclonal antibody



Catalog Number: CL650-15421

Featured Product

Basic Information

Catalog Number: CL650-15421	GenBank Accession Number: BC006195	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1 mg/mL by Nanodrop;	GeneID (NCBI): 47	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Source: Rabbit	Full Name: ATP citrate lyase	
Isotype: IgG	Calculated MW: 121 kDa	
Immunogen Catalog Number: AG7709	Observed MW: 120 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

ACLY(ATP-citrate synthase) is also named as ACL. It is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA. ACLY serves as not only a target in oxygenated cells for suppression of lipid synthesis and histone acetylation, but also as a susceptible target in hypoxic cells to restore inhibition of glycolysis. In nonsmall cell lung carcinoma and hepatocellular carcinoma, ACLY is overexpressed compared with normal parenchyma suggesting that ACLY may represent a common target among highly malignant tumors(PMID:19795461). This protein has 2 isoforms produced by alternative splicing.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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