

ARG57956 anti-ACAA2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ACAA2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ACAA2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-250 of Human ACAA2 (NP_006102.2).
Conjugation	Un-conjugated
Alternate Names	Acetyl-CoA acyltransferase; Beta-ketothiolase; T1; EC 2.3.1.16; DSAEC; 3-ketoacyl-CoA thiolase, mitochondrial; Mitochondrial 3-oxoacyl-CoA thiolase

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	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	LO2	
Observed Size	~ 46 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.

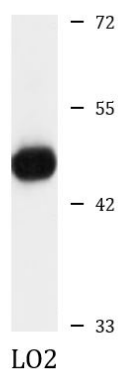
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ACAA2
Gene Full Name	acetyl-CoA acyltransferase 2
Background	The encoded protein catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal. [provided by RefSeq, Jul 2008]
Function	Abolishes BNIP3-mediated apoptosis and mitochondrial damage. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Mitochondrion. [UniProt]

Images



ARG57956 anti-ACAA2 antibody WB image

Western blot: 25 µg of LO2 cell lysate stained with ARG57956 anti-ACAA2 antibody at 1:1000 dilution.