

ARG66308 anti-ACAA2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ACAA2
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ACAA2
Species	Human
Immunogen	Fusion protein of Human ACAA2.
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
	IHC-P	1:25 - 1:100
	WB	1:200 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB: NIH/3T3 and A172 cells, Human liver cancer tissue. IHC-P: Human colon cancer and Human thyroid cancer.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	1.5 mg/ml
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.

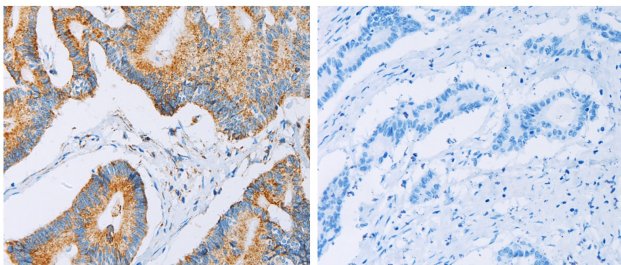
Note

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

Bioinformation

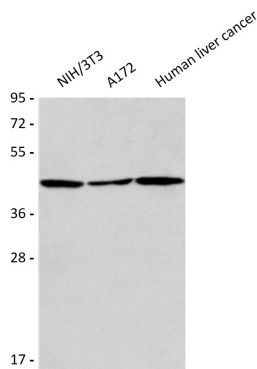
Gene Symbol	ACAA2
Gene Full Name	acetyl-CoA acyltransferase 2
Background	The encoded protein catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal. [provided by RefSeq, Jul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

Images



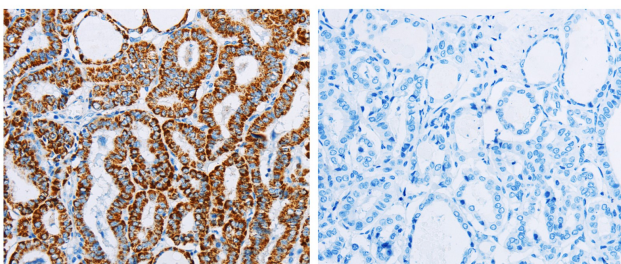
ARG66308 anti-ACAA2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon cancer tissue stained with ARG66308 anti-ACAA2 antibody (left) at 1:30 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200) .



ARG66308 anti-ACAA2 antibody WB image

Western blot: 40 µg of NIH/3T3, A172 and Human liver cancer lysates stained with ARG66308 anti-ACAA2 antibody at 1:375 dilution.



ARG66308 anti-ACAA2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thyroid cancer tissue stained with ARG66308 anti-ACAA2 antibody (left) at 1:30 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200) .