ARG55144
anti-ACAA1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ACAA1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ACAA1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 147-176 (Center) of Human ACAA1.
Conjugation	Un-conjugated
Alternate Names	PTHIO; ACAA; Acetyl-CoA acyltransferase; Beta-ketothiolase; 3-ketoacyl-CoA thiolase, peroxisomal; EC 2.3.1.16; Peroxisomal 3-oxoacyl-CoA thiolase; THIO

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	293

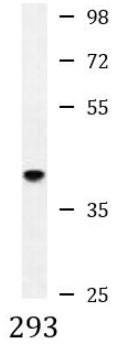
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
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 or below. 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

Database links	GeneID: 30 Human
	Swiss-port # P09110 Human
Gene Symbol	ACAA1
Gene Full Name	acetyl-CoA acyltransferase 1
Background	This gene encodes an enzyme operative in the beta-oxidation system of the peroxisomes. Deficiency of this enzyme leads to pseudo-Zellweger syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]
Function	Acyl-CoA + acetyl-CoA = CoA + 3-oxoacyl-CoA. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	44 kDa
Cellular Localization	Peroxisome.

Images



ARG55144 anti-ACAA1 antibody WB image

Western blot: 35 µg of 293 cell lysate stained with ARG55144 anti-ACAA1 antibody.