

ARG57553 anti-ECHS1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ECHS1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ECHS1
Species	Human
Immunogen	Recombinant protein of Human ECHS1.
Conjugation	Un-conjugated
Alternate Names	Enoyl-CoA hydratase 1; SCEH; Enoyl-CoA hydratase, mitochondrial; EC 4.2.1.17; Short-chain enoyl-CoA hydratase; ECHS1D

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	U87	
Observed Size	31 kDa	

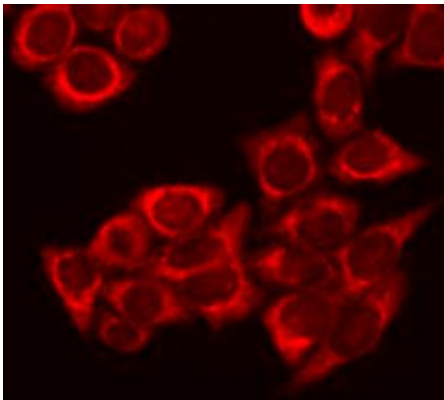
Properties

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

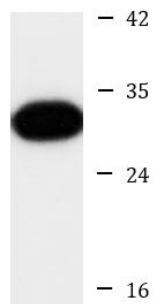
Gene Symbol	ECHS1
Gene Full Name	enoyl CoA hydratase, short chain, 1, mitochondrial
Background	The protein encoded by this gene functions in the second step of the mitochondrial fatty acid beta-oxidation pathway. It catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs. The gene product is a member of the hydratase/isomerase superfamily. It localizes to the mitochondrial matrix. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. [provided by RefSeq, Jul 2008]
Function	Straight-chain enoyl-CoA thioesters from C4 up to at least C16 are processed, although with decreasing catalytic rate. [UniProt]
Calculated Mw	31 kDa

Images



ARG57553 anti-ECHS1 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG57553 anti-ECHS1 antibody at 1:100 dilution.



U87

ARG57553 anti-ECHS1 antibody WB image

Western blot: 25 µg of U87 cell lysate stained with ARG57553 anti-ECHS1 antibody at 1:1000 dilution.