

ECHS1 Polyclonal Antibody

Catalog No.	A3845	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	31kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	31kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 28-290 of human ECHS1 (NP_004083.3).
Gene ID	1892
Swiss prot	P30084
Synonyms	ECHS1; ECHS1D; SCEH; enoyl-CoA hydratase, mitochondrial

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

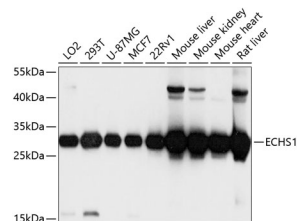
Background

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.

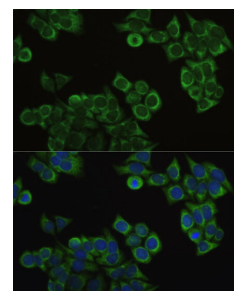
Recommended Dilutions

WB 1:1000 -
1:2000

IF 1:50 - 1:200



Western blot - ECHS1 Polyclonal Antibody (A3845)



Immunofluorescence - ECHS1 Polyclonal Antibody (A3845)