

Datasheet for ABIN7113839 **anti-ECHS1 antibody**

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ECHS1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ECHS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	enoyl Coenzyme A hydratase, short chain, 1, mitochondrial
Clone:	1H0
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ECHS1
Alternative Name:	ECHS1 (ECHS1 Products)
Background:	Synonyms: Background: Straight-chain enoyl-CoA thioesters from C4 up to at least C16 are

Target Details

	processed, although with decreasing catalytic rate. Has high substrate specificity for crotonyl-CoA and moderate specificity for acryloyl-CoA, 3-methylcrotonyl-CoA and methacrylyl-CoA. It is noteworthy that binds tiglyl-CoA, but hydrates only a small amount of this substrate.
Molecular Weight:	31 kDa
Gene ID:	1892
UniProt:	P30084
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:2000-1:20000, IP: 1:500-1:2000, IHC: 1:50-1:1000, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months