

Datasheet for ABIN631063 **anti-ECHS1 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	ECHS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ECHS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ECHS1 antibody was raised using the N terminal of ECHS1 corresponding to a region with amino acids IIAEKRGKNNTVGLIQLNRPKALNALCDGLIDELNQAALKTFEEDPAVGAI
Specificity:	ECHS1 antibody was raised against the N terminal of ECHS1
Purification:	Affinity purified

Target Details

Target:	ECHS1
Alternative Name:	ECHS1 (ECHS1 Products)
Background:	ECHS1 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 protein is a member of the hydratase/isomerase superfamily.

Target Details

Molecular Weight:	28 kDa (MW of target protein)
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ECHS1 Blocking Peptide, catalog no. 33R-3990, is also available for use as a blocking control in assays to test for specificity of this ECHS1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ECHS1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. ECHS1 antibody used at 1 µg/ml to detect target protein.