

Datasheet for ABIN629671
anti-ECHS1 antibody (Middle Region)



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1 Image

Overview

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

Product Details

Immunogen:	ECHS1 antibody was raised using the middle region of ECHS1 corresponding to a region with amino acids RAVGKSLAMEMVLTGDRISAQDAKQAGLVSKICPVETLVVEEAIQCAEKIA
Specificity:	ECHS1 antibody was raised against the middle region of ECHS1
Purification:	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. ECHS1 is a member of the hydratase/isomerase superfamily. It localizes to the

Target Details

mitochondrial matrix.

Molecular Weight: 28 kDa (MW of target protein)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB: 2.5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ECHS1 Blocking Peptide, catalog no. 33R-7826, 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.



Western Blotting

Image 1. ECHS1 antibody used at 2.5 ug/ml to detect target protein.