

# ECHS1 Polyclonal Antibody

Catalog Number:E-AB-11174

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

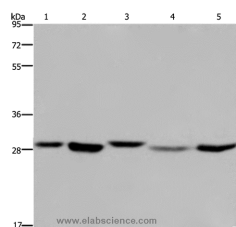
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant protein of human ECHS1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

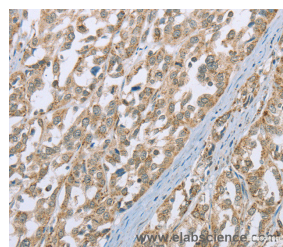
## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:25-1:100

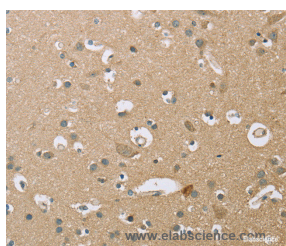
## Data



Western Blot analysis of 293T, MCF-7 and PC3 cell, Human fetal liver tissue and HeLa cell using ECHS1 Polyclonal Antibody at dilution of 1:300  
**Calculated Mw:31kDa**



Immunohistochemistry of paraffin-embedded Human esophagus cancer using ECHS1 Polyclonal Antibody at dilution of 1:35



Immunohistochemistry of paraffin-embedded Human brain using ECHS1 Polyclonal Antibody at dilution of 1:35

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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

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alternative transcription initiation sites have been described in the literature.

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