

ECHS1 antibody

Cat. No. GTX114375

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse

Reference (1)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 31 kDa. ([Note](#))

Product Note Knockdown/Knockout validation was supported by references (PMID:35962613)

PROPERTIES

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human ECHS1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

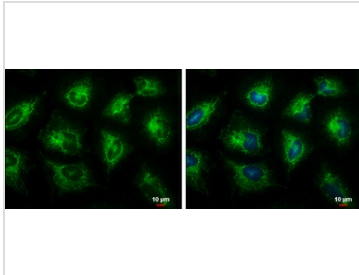


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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX114375 ICC/IF Image

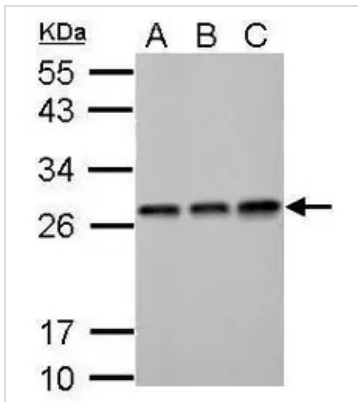
ECHS1 antibody detects ECHS1 protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: ECHS1 protein stained by ECHS1 antibody (GTX114375) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 μ m.


GTX114375 WB Image

ECHS1 antibody detects ECHS1 protein by Western blot analysis.

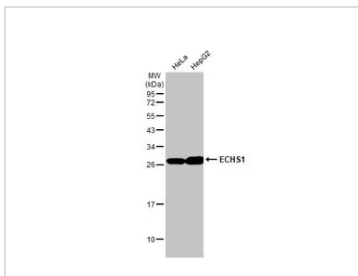
A. 30 μ g Neuro2A whole cell lysate/extract

B. 30 μ g GL261 whole cell lysate/extract

C. 30 μ g C8D30 whole cell lysate/extract

12 % SDS-PAGE

ECHS1 antibody (GTX114375) dilution: 1:1000


GTX114375 WB Image

Various whole cell extracts (30 μ g) were separated by 12% SDS-PAGE, and the membrane was blotted with ECHS1 antibody (GTX114375) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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