

Product Datasheet

ECHS1 Antibody - BSA Free

NBP1-87078

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-87078

ECHS1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

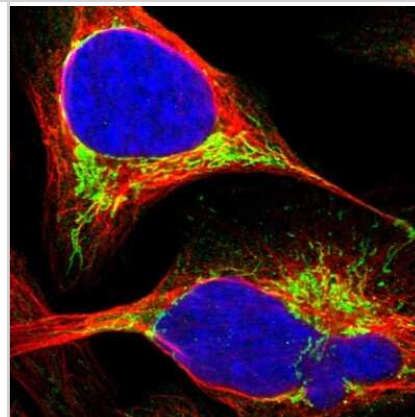
Product Description	
Description	Novus Biologicals Rabbit ECHS1 Antibody - BSA Free (NBP1-87078) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1892
Gene Symbol	ECHS1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CDIIYAGEKAQFAQPEILIGTIPGAGGTQRLTRAVGKSLAMEMVLTGDRISAQDA KQAGLVSKICPVETLVEEAIQCAEKIASNSKIVVAMAKESVNAAFEMTLTEGSKL EKKLFYSTFATDDRKEGMTAFVEKRKANFKDQ

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

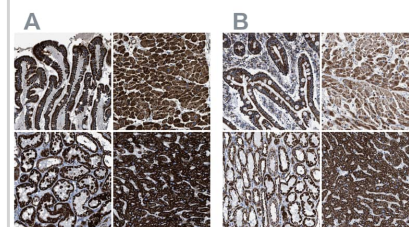


Images

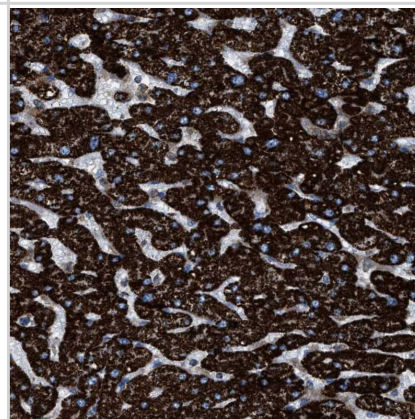
Immunocytochemistry/Immunofluorescence: ECHS1 Antibody [NBP1-87078] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



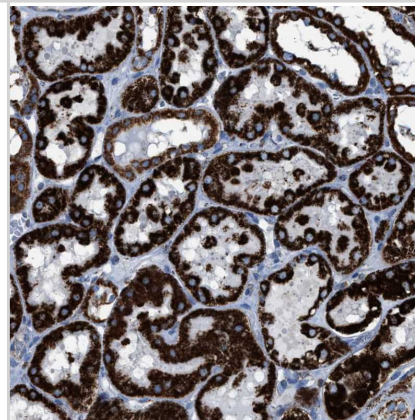
Staining of human gastrointestinal, heart muscle, kidney and liver using Anti-ECHS1 antibody NBP1-87078 (A) shows similar protein distribution across tissues to independent antibody NBP1-87079 (B).



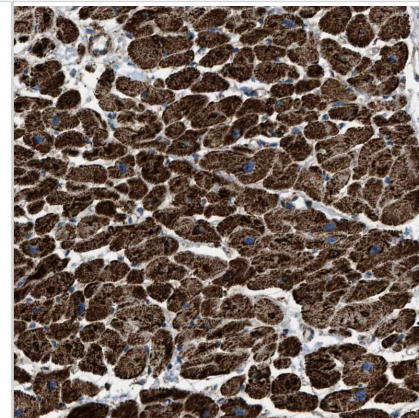
Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



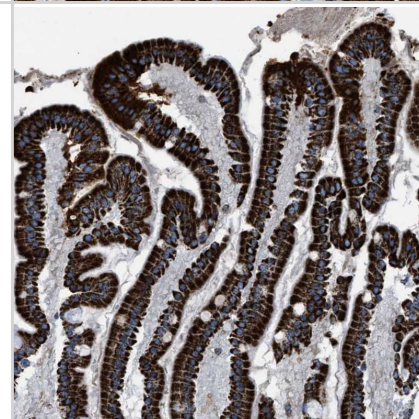
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



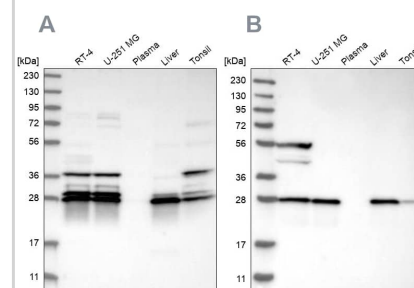
Staining of human heart muscle shows strong granular cytoplasmic positivity in cardiomyocytes.



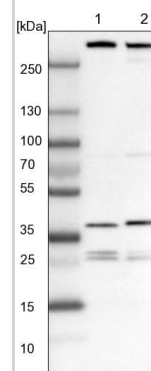
Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Analysis using Anti-ECHS1 antibody NBP1-87078 (A) shows similar pattern to independent antibody NBP1-87079 (B).



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)





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Products Related to NBP1-87078

NBP1-87078PEP	ECHS1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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