

# Product Datasheet

## ECHS1 Antibody - BSA Free

### NBP1-87079

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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**NBP1-87079**

ECHS1 Antibody - BSA Free

**Product Information**

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

**Product Description**

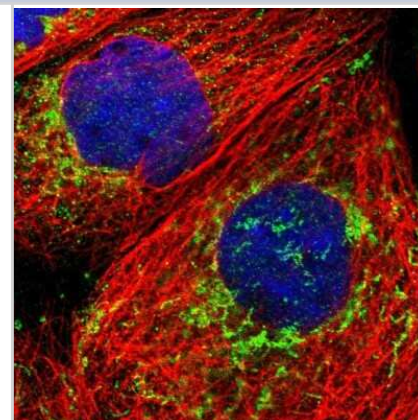
|                    |  |
|--------------------|--|
| <b>Description</b> | Novus Biologicals Rabbit ECHS1 Antibody - BSA Free (NBP1-87079) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                  |
| <b>Host</b>        | Rabbit   |
| <b>Gene ID</b>     | 1892   |
| <b>Gene Symbol</b> | ECHS1  |
| <b>Species</b>     | Human, Mouse, Rat  |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>ANFEYIIAEKRGKNNTVGLIQLNRPKALNALCDGLIDELNQALKIFEEDPAVGAIV<br>LTGGDKAFAAGADIKEMQNLSFQDCYSSKFLKHWDLTQVKKPVIAAVNGYAF<br>GGGCELAMM |

**Product Application Details**

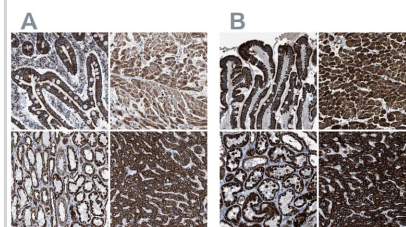
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500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

**Images**

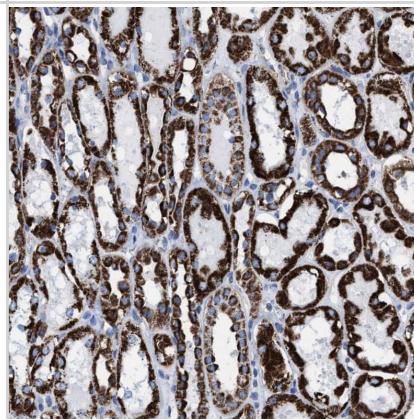
Immunocytochemistry/Immunofluorescence: ECHS1 Antibody [NBP1-87079] - Immunofluorescent staining of human cell line A-431 shows localization to mitochondria.



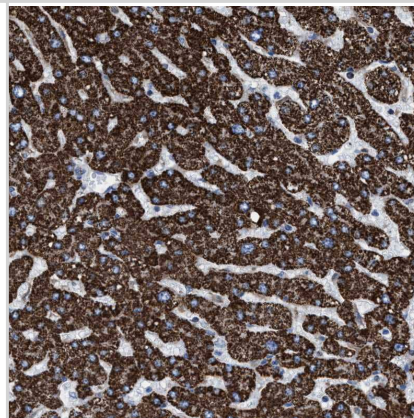
Staining of human gastrointestinal, heart muscle, kidney and liver using Anti-ECHS1 antibody NBP1-87079 (A) shows similar protein distribution across tissues to independent antibody NBP1-87078 (B).



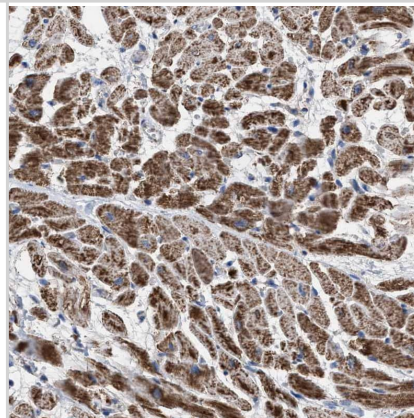
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



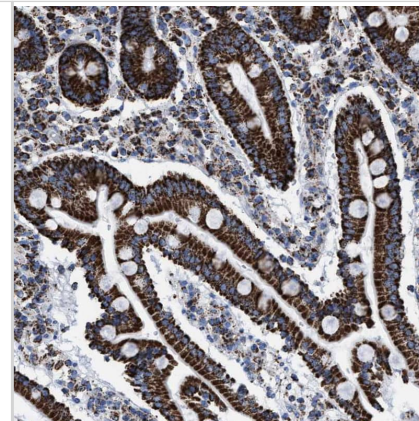
Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



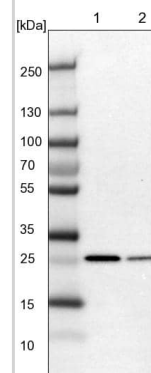
Staining of human heart muscle shows strong granular cytoplasmic positivity in cardiomyocytes.



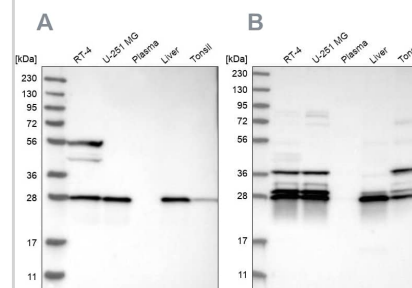
Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



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



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





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### **Products Related to NBP1-87079**

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|               |   |
|---------------|---|
| NBP1-87079PEP | 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                          |

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### **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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