

# Product Datasheet

## ACOT7 Antibody - BSA Free

### NBP1-89278

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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Updated 2/21/2025 v.20.1

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**NBP1-89278**

ACOT7 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
<b>Target Molecular Weight</b>	42 kDa

**Product Description**

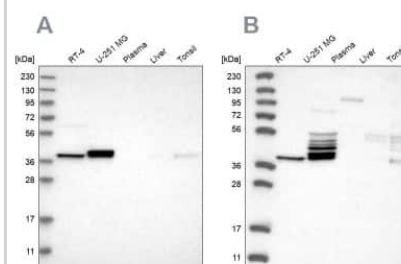
<b>Host</b>	Rabbit
<b>Gene ID</b>	11332
<b>Gene Symbol</b>	ACOT7
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RLCEFGRQASSRRLVAGQGCVGPRRGCCAPVQVVGPRADLPPCGACITGRIM RPDDANVAGNVHGGTILKMIEEAGAISTRHCNSQNGE

**Product Application Details**

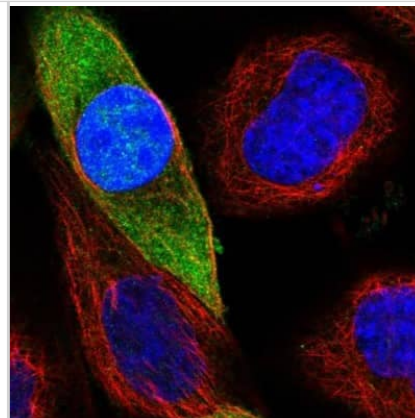
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

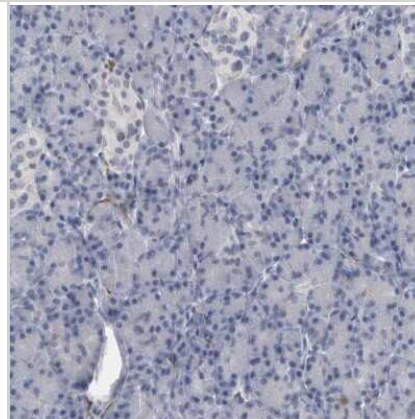
Western Blot: ACOT7 Antibody [NBP1-89278] - Analysis using Anti-ACOT7 antibody NBP1-89278 (A) shows similar pattern to independent antibody NBP1-89279 (B).



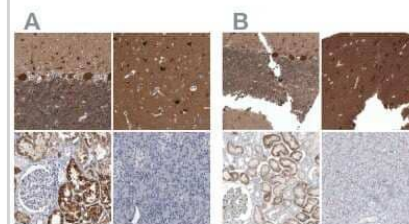
Immunocytochemistry/Immunofluorescence: ACOT7 Antibody [NBP1-89278] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm & cytosol.



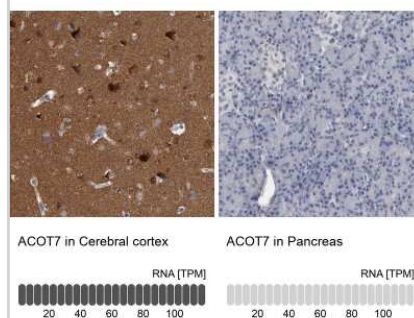
Immunohistochemistry-Paraffin: ACOT7 Antibody [NBP1-89278] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



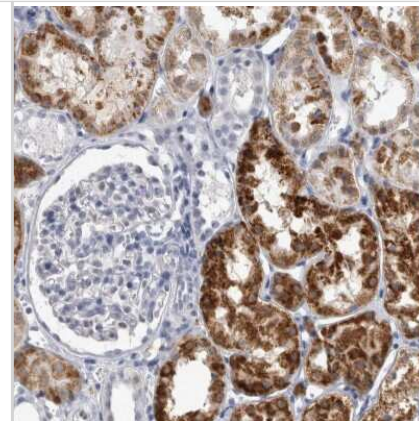
Immunohistochemistry-Paraffin: ACOT7 Antibody [NBP1-89278] - Staining of human cerebellum, cerebral cortex, kidney and pancreas using Anti-ACOT7 antibody NBP1-89278 (A) shows similar protein distribution across tissues to independent antibody NBP1-89279 (B).



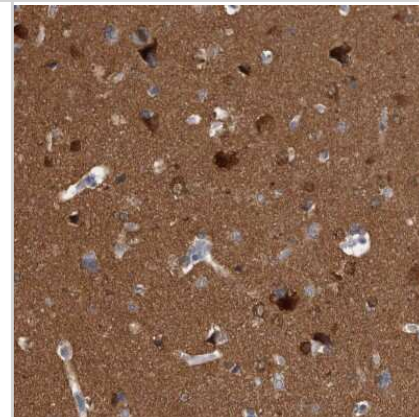
Immunohistochemistry-Paraffin: ACOT7 Antibody [NBP1-89278] - Analysis in human cerebral cortex and pancreas tissues. Corresponding ACOT7 RNA-seq data are presented for the same tissues.



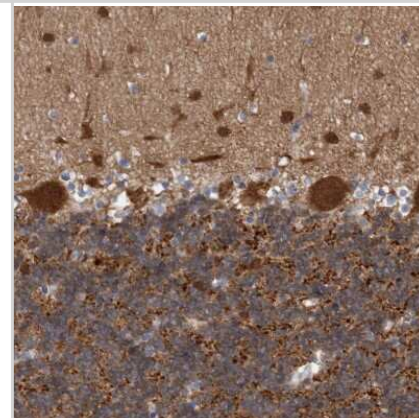
Immunohistochemistry-Paraffin: ACOT7 Antibody [NBP1-89278] - Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: ACOT7 Antibody [NBP1-89278] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: ACOT7 Antibody [NBP1-89278] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.





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### **Products Related to NBP1-89278**

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NBP1-89278PEP	ACOT7 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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