

# Product Datasheet

## ACAA1 Antibody (CL2650) - BSA Free NBP2-42380

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 2/27/2025 v.20.1

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**NBP2-42380**

ACAA1 Antibody (CL2650) - BSA Free

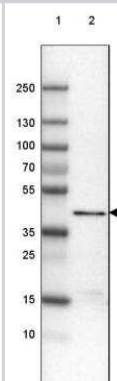
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2650
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	30
Gene Symbol	ACAA1
Species	Human
Reactivity Notes	Expected to cross react based on sequence identity: Mouse (88%), Rat (87%).
Immunogen	This antibody was developed using a recombinant protein derived from P09110, with the exact immunogen sequence remaining proprietary.

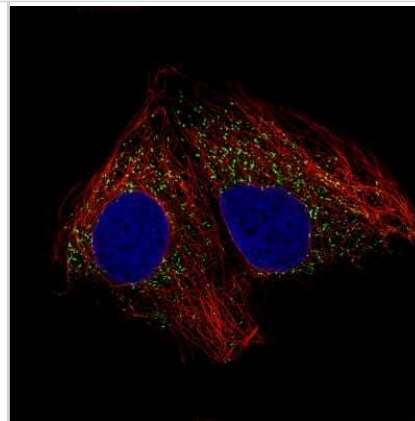
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

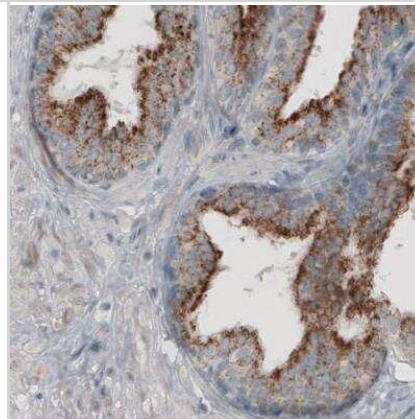
Western Blot: ACAA1 Antibody (CL2650) [NBP2-42380] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human cell line U-251



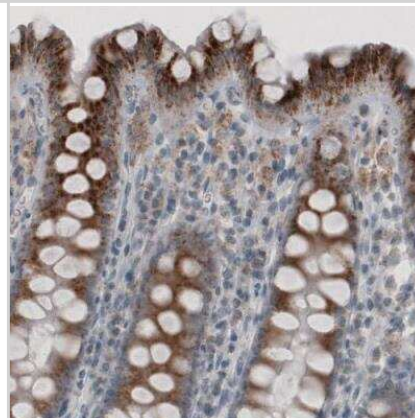
Immunocytochemistry/Immunofluorescence: ACAA1 Antibody (CL2650) [NBP2-42380] - Staining of CACO-2 cells using the Anti-ACAA1 monoclonal antibody, showing specific staining in peroxisomes in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



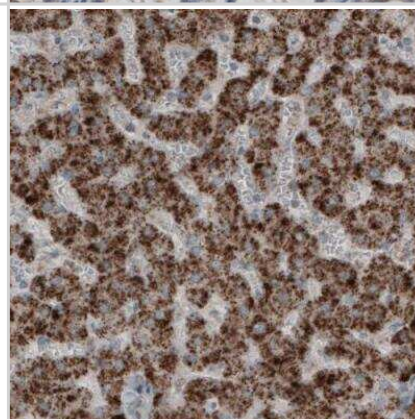
Immunohistochemistry: ACAA1 Antibody (CL2650) [NBP2-42380] - Staining of human prostate shows strong granular cytoplasmic positivity in glandular cells.



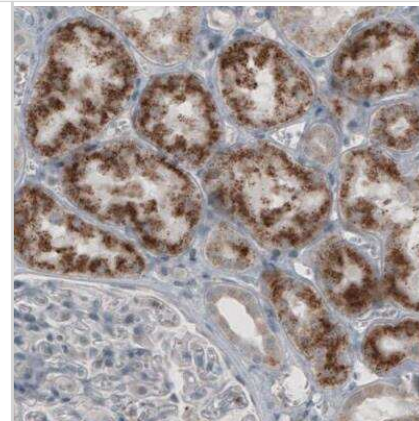
Immunohistochemistry: ACAA1 Antibody (CL2650) [NBP2-42380] - Staining of human colon shows granular cytoplasmic immunoreactivity in glandular cells.



Immunohistochemistry: ACAA1 Antibody (CL2650) [NBP2-42380] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry: ACAA1 Antibody (CL2650) [NBP2-42380] - Staining of human kidney shows granular cytoplasmic immunoreactivity in renal tubules.





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### **Products Related to NBP2-42380**

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NBP2-42380PEP	ACAA1 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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