

# Product Datasheet

## ACAA1 Antibody (CL2660) - Azide and BSA Free NBP3-44447

Unit Size: 100 ug

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

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**NBP3-44447**

ACAA1 Antibody (CL2660) - Azide and BSA Free

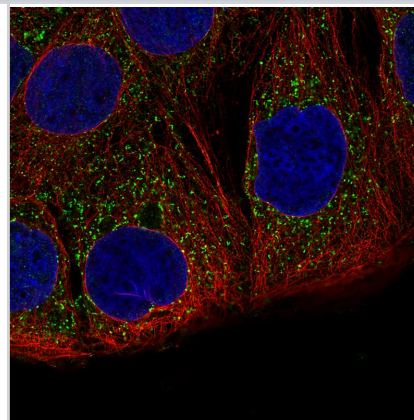
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2660
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	30
Gene Symbol	ACAA1
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P09110, with the exact immunogen sequence remaining proprietary.

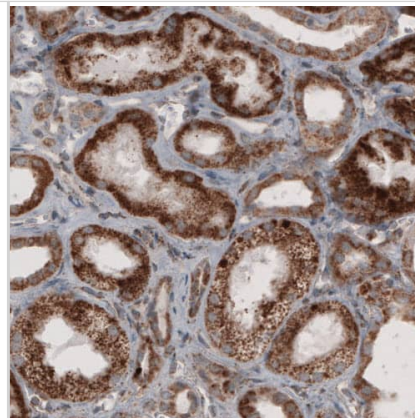
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

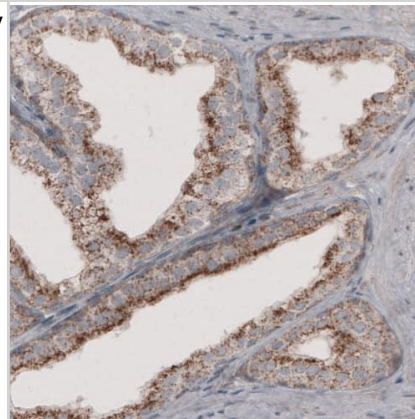
Staining of CACO-2 cells using the Anti-ACAA1 monoclonal antibody) .



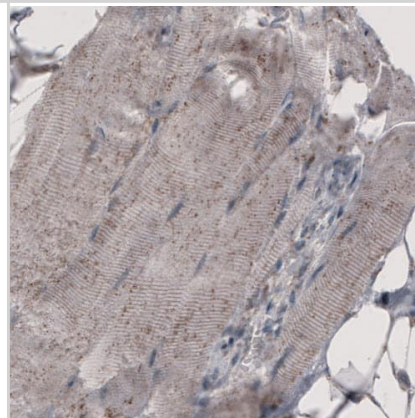
Staining of human kidney shows granular cytoplasmic immunoreactivity in renal tubules.



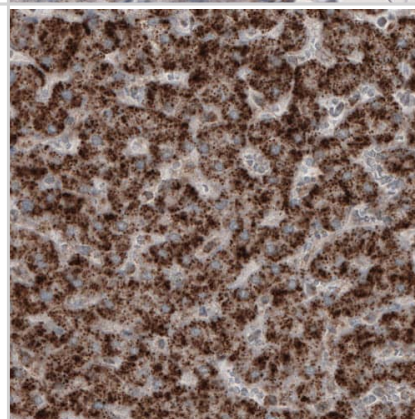
Staining of human prostate shows granular cytoplasmic immunoreactivity in glandular cells.



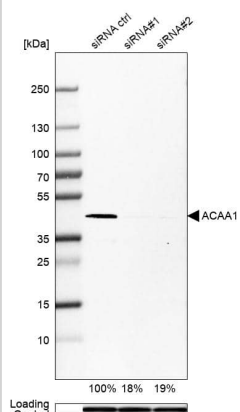
Staining of human skeletal muscle shows granular cytoplasmic immunoreactivity.



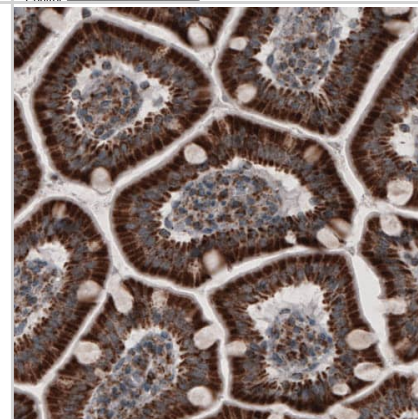
Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ACAA1 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



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





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### **Products Related to NBP3-44447**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-45323-0.1mg	Recombinant Human ACAA1 His Protein

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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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