

# Product Datasheet

## CAAP1 Antibody NBP1-94020

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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**NBP1-94020****CAAP1 Antibody****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**

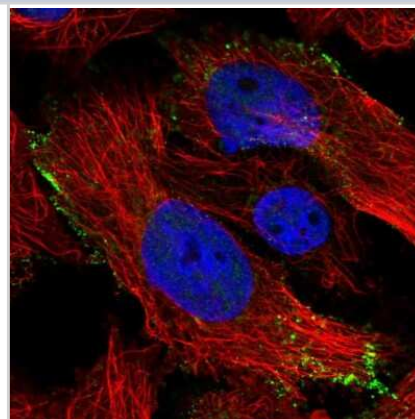
|                         |   |
|-------------------------|---|
| <b>Host</b>             | Rabbit  |
| <b>Gene ID</b>          | 79886   |
| <b>Gene Symbol</b>      | CAAP1   |
| <b>Species</b>          | Human   |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%)  |
| <b>Immunogen</b>        | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LCQEQLELLSEKKILKILEGDNGMDSDMEEEADDGSKMGSDLVSQQDICIDSAS<br>SVRENKQPEGLELKQGKGEDSDVLSINADA |

**Product Application Details**

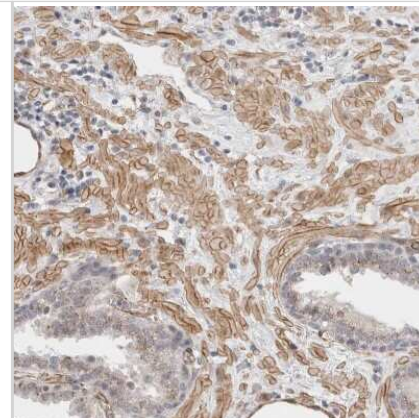
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.  |

**Images**

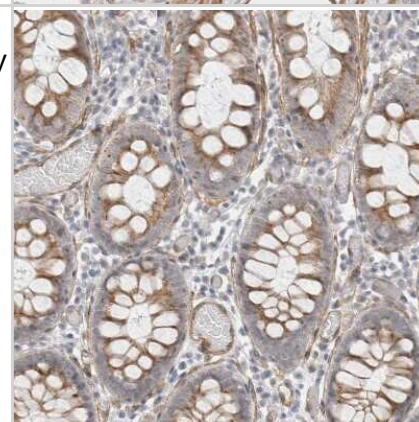
Immunocytochemistry/Immunofluorescence: CAAP1 Antibody [NBP1-94020] - Staining of human cell line U-251 MG shows localization to vesicles. Antibody staining is shown in green.



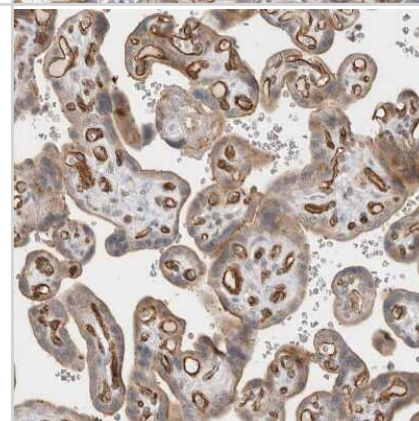
Immunohistochemistry-Paraffin: CAAP1 Antibody [NBP1-94020] - Staining of human prostate shows moderate cytoplasmic/membranous positivity in smooth muscle cells.



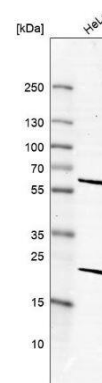
Immunohistochemistry-Paraffin: CAAP1 Antibody [NBP1-94020] - Staining of human gastrointestinal shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: CAAP1 Antibody [NBP1-94020] - Staining of human placenta shows weak cytoplasmic positivity in trophoblastic cells and moderate cytoplasmic staining of endothelial cells.



Analysis in human cell line HeLa.



## Publications

Wang X, Han Y, Hu G et al. Endoplasmic Reticulum Stress Induces miR-706, A Pro-Cell Death microRNA, in A Protein Kinase RNA-Like ER Kinase (PERK) and Activating Transcription Factor 4 (ATF4) Dependent Manner Cell J 2020-10-01 [PMID: 31863666] (WB)



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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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