

# Product Datasheet

## Carbonic Anhydrase VB/CA5B Antibody - BSA Free NBP1-86090

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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**NBP1-86090**

Carbonic Anhydrase VB/CA5B Antibody - BSA Free

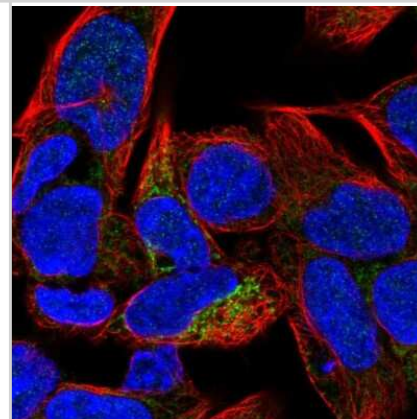
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C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

| Product Description |   |
|---------------------|---|
| Host                | Rabbit  |
| Gene ID             | 11238   |
| Gene Symbol         | CA5B  |
| Species             | Human   |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>GLAVIGVFLKLGKHHKELQKLVDTLPSIKHKDALVEFGSFDPSCLMPTCPDYWT<br>YSGSLTTPPLSESVTWIHKQPVEVDHDQLEQFRTLFTSEGEKEKRMVD |

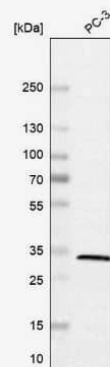
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 -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

**Images**

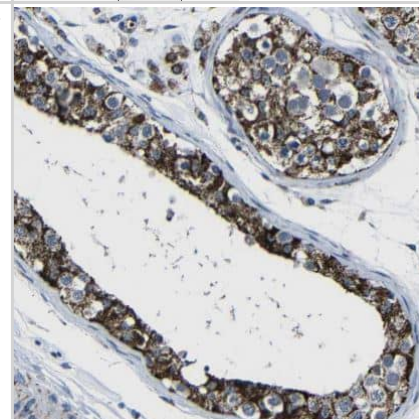
Immunocytochemistry/Immunofluorescence: Carbonic Anhydrase VB/CA5B Antibody [NBP1-86090] - Staining of human cell line HEK 293 shows localization to mitochondria. Antibody staining is shown in green.



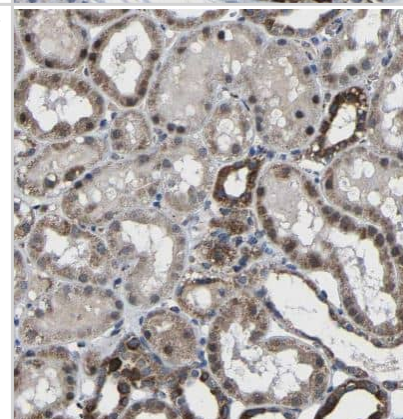
Western Blot: Carbonic Anhydrase VB/CA5B Antibody [NBP1-86090] - Analysis in human cell line PC-3.



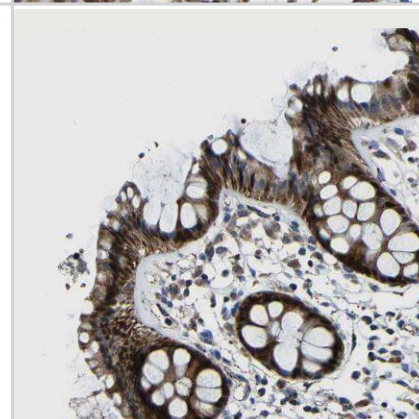
Immunohistochemistry-Paraffin: Carbonic Anhydrase VB/CA5B Antibody [NBP1-86090] -Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts and Leydig cells.



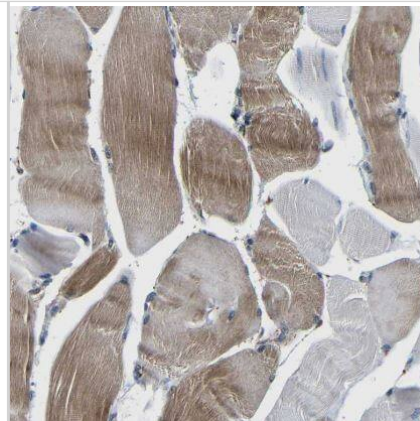
Immunohistochemistry-Paraffin: Carbonic Anhydrase VB/CA5B Antibody [NBP1-86090] -Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Carbonic Anhydrase VB/CA5B Antibody [NBP1-86090] - Staining of human rectum shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Carbonic Anhydrase VB/CA5B Antibody [NBP1-86090] -Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.





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### **Products Related to NBP1-86090**

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|               |  |
|---------------|--|
| NBP1-86090PEP | Carbonic Anhydrase VB/CA5B 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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