

# Product Datasheet

## Chromogranin B Antibody (CL11404) - Azide and BSA Free NBP3-44183

Unit Size: 100 ug

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

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**NBP3-44183**

Chromogranin B Antibody (CL11404) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL11404
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

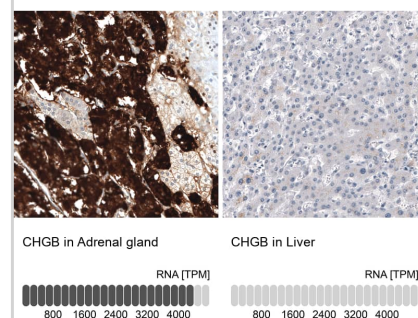
<b>Host</b>	Mouse
<b>Gene ID</b>	1114
<b>Gene Symbol</b>	CHGB
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a recombinant protein sequence of P05060, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

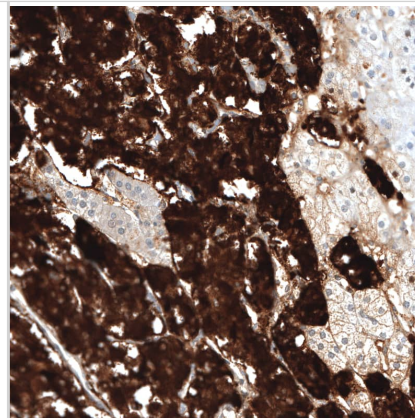
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

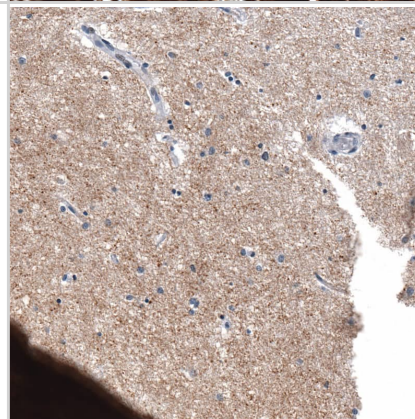
Analysis in human adrenal gland and liver tissues using NBP3-44183 antibody. Corresponding Chromogranin B RNA-seq data are presented for the same tissues.



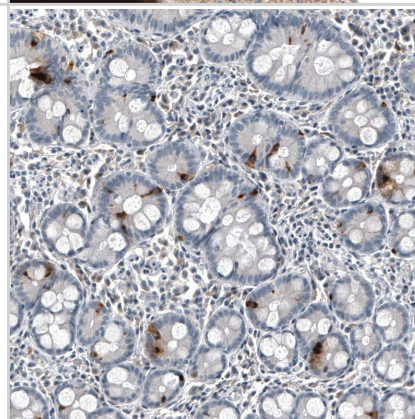
Staining of human adrenal gland shows strong cytoplasmic positivity in neuroendocrine cells.



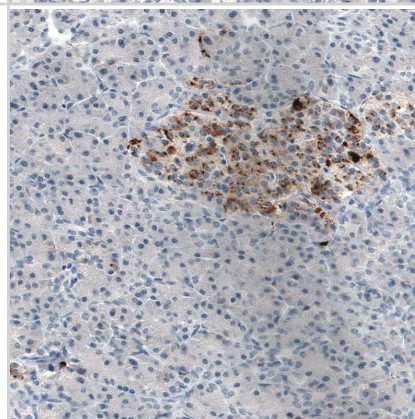
Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuropil.



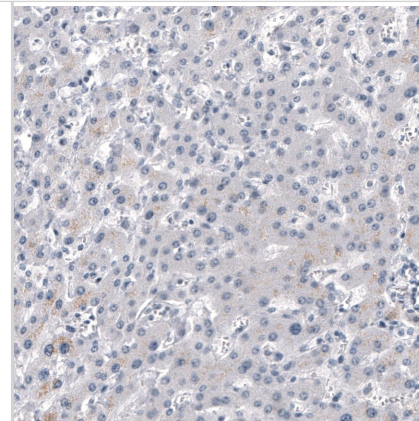
Staining of human duodenum shows moderate cytoplasmic positivity in glandular cells.



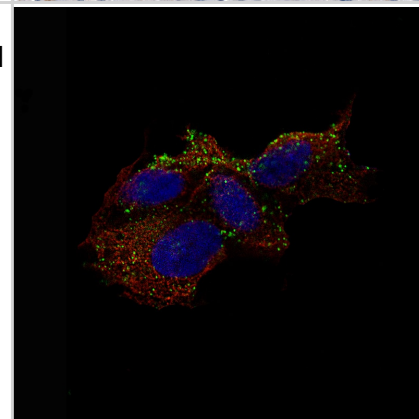
Staining of human pancreas shows moderate cytoplasmic positivity in islets of Langerhans.



Staining of human liver shows no positivity in hepatocytes as expected.



Staining of SH-SY5Y cells using the Anti-Chromogranin B monoclonal antibody, showing specific staining of vesicles in green. Microtubule- and nuclear probes are visualized in red and blue, respectively.





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### **Products Related to NBP3-44183**

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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)
H00001114-P01-10ug	Recombinant Human Chromogranin B GST (N-Term) 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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