

# Product Datasheet

## Chromogranin B Antibody - BSA Free NBP1-80782

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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### Publications: 2

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**NBP1-80782**

Chromogranin B Antibody - BSA Free

**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**

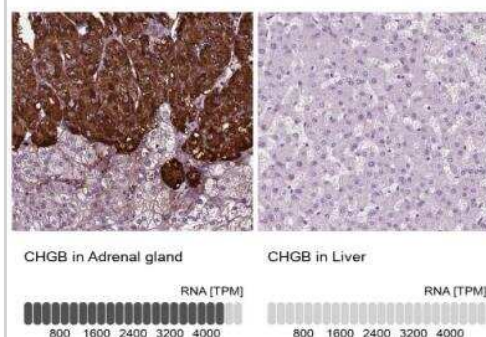
<b>Host</b>	Rabbit
<b>Gene ID</b>	1114
<b>Gene Symbol</b>	CHGB
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KQYSSHHTAEKRKRLGELFNPYYDPLQWKSSHFERRDNMNDNFLEGEENEEL TLNEKNFFPEYNYDWWEKKPFSEDVNWGYEKRNLARVPKLDLKRQYDRVAQL DQLLHYRKKSAEFPDFYDS

**Product Application Details**

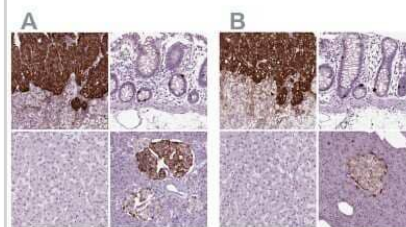
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

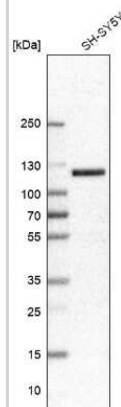
Immunohistochemistry-Paraffin: Chromogranin B Antibody [NBP1-80782] - Analysis in human adrenal gland and liver tissues using NBP1-80782 antibody. Corresponding CHGB RNA-seq data are presented for the same tissues.



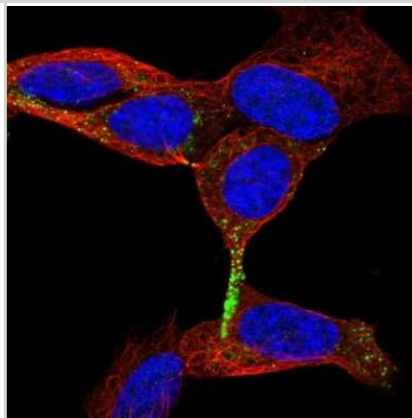
**Immunohistochemistry-Paraffin: Chromogranin B Antibody [NBP1-80782]** - Staining of human adrenal gland, colon, liver and pancreas using Anti-CHGB antibody NBP1-80782 (A) shows similar protein distribution across tissues to independent antibody NBP1-80781 (B).



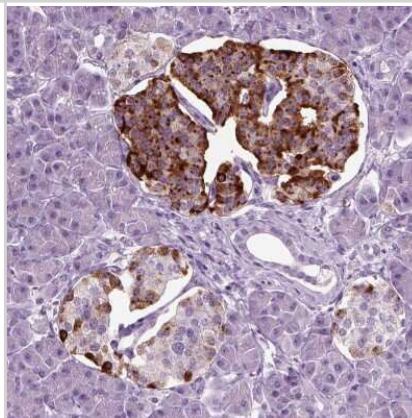
**Western Blot: Chromogranin B Antibody [NBP1-80782]** - Analysis in human cell line SH-SY5Y.



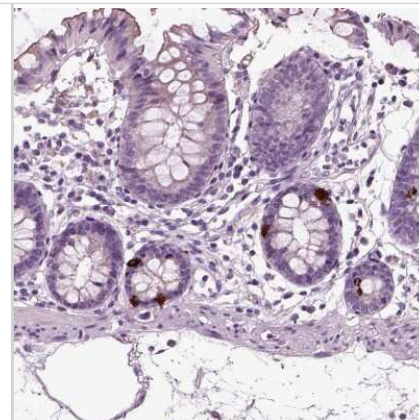
**Immunocytochemistry/Immunofluorescence: Chromogranin B Antibody [NBP1-80782]** - Staining of human cell line SH-SY5Y shows localization to vesicles. Antibody staining is shown in green.



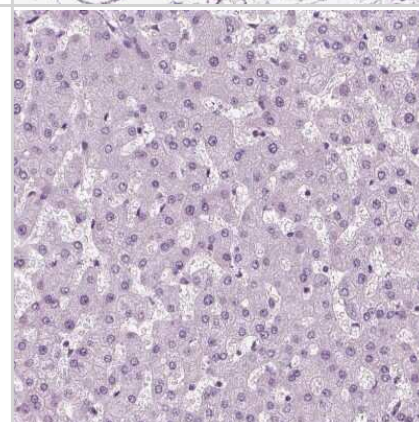
**Immunohistochemistry-Paraffin: Chromogranin B Antibody [NBP1-80782]** - Staining of human pancreas shows strong cytoplasmic positivity in islets of Langerhans.



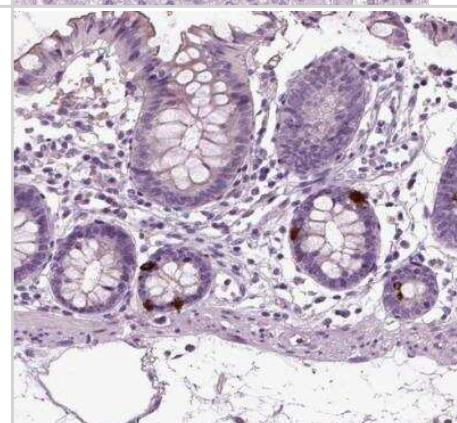
Immunohistochemistry-Paraffin: Chromogranin B Antibody [NBP1-80782] - Staining of human colon shows strong cytoplasmic positivity in enteroendocrine cells.



Immunohistochemistry-Paraffin: Chromogranin B Antibody [NBP1-80782] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Chromogranin B Antibody [NBP1-80782] - Staining of human colon shows strong cytoplasmic positivity in enteroendocrine cells.



## Publications

Lee SH, Ok SH, Ahn SH et al. Lipid emulsion inhibits the cardiac toxicity caused by chloroquine via inhibition of reactive oxygen species production Korean journal of anesthesiology 2022-11-15 [PMID: 36377332] (WB, Rat)

Chen Y, Yang S, Liu L et al. A novel therapy for hepatic cholestasis treatment-the combination of rosiglitazone and fenofibrate European journal of pharmacology 2022-11-24 [PMID: 36436592] (WB, Mouse)



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### **Products Related to NBP1-80782**

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NBP1-80782PEP	Chromogranin B 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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