

Product Datasheet

Chromogranin A Antibody - BSA Free NBP1-86056

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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NBP1-86056**Chromogranin A 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

Description	Novus Biologicals Rabbit Chromogranin A Antibody - BSA Free (NBP1-86056) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Chromogranin A Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1113
Gene Symbol	CHGA
Species	Human, Mouse
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22412953), Mouse reactivity reported in scientific literature (PMID: 24843046).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NSPMNKGDTSEVMKCIVEVISDTLSKPSPMPVSQECFETLRGDERILSRHQALL KELQDLALQGAKERAHQKKHSGFEDELSEVLENQSSQAELEAVEEPSSKD VMEKREDSKEAEKSGEATDGARPQALPEPMQESK

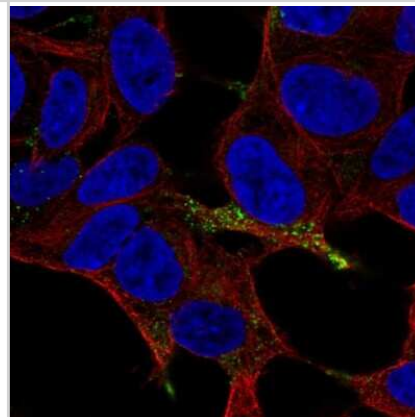
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

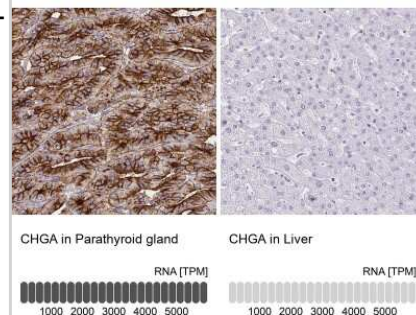


Images

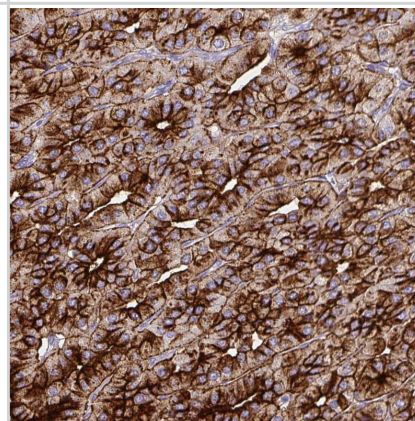
Immunocytochemistry/Immunofluorescence: Chromogranin A Antibody [NBP1-86056] - Staining of human cell line SH-SY5Y shows localization to vesicles. Antibody staining is shown in green.



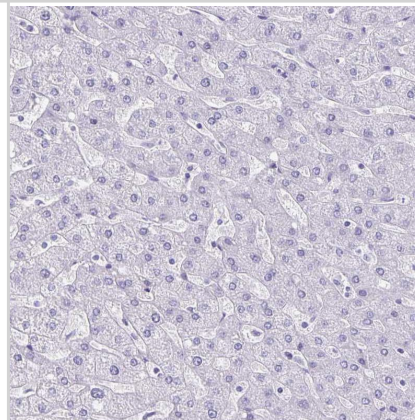
Immunohistochemistry-Paraffin: Chromogranin A Antibody [NBP1-86056] - Staining in human parathyroid gland and liver tissues using anti-CHGA antibody. Corresponding CHGA RNA-seq data are presented for the same tissues.



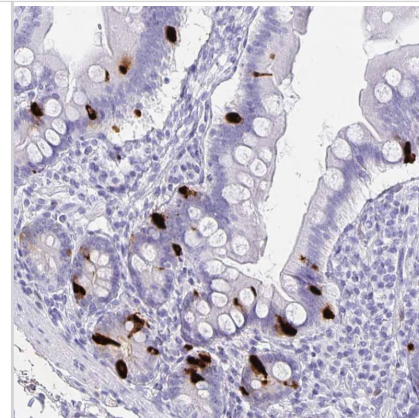
Staining of human parathyroid gland shows strong membranous and cytoplasmic positivity in glandular cells.



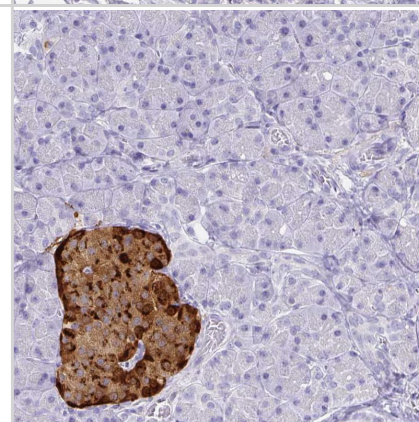
Staining of human liver shows no positivity in hepatocytes as expected.



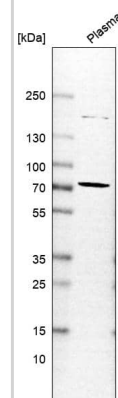
Staining of human duodenum shows strong cytoplasmic positivity in enteroendocrine cells.



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



Analysis in human plasma.



Publications

Marbiah MM, Harvey A, West BT et al. Identification of a gene regulatory network associated with prion replication. EMBO J 2014-07-17 [PMID: 24843046] (ICC/IF, Mouse)

Kiflemariam S, Andersson S, Asplund A et al. Scalable in situ hybridization on tissue arrays for validation of novel cancer and tissue-specific biomarkers. PLoS One 2012-01-01 [PMID: 22412953]



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Products Related to NBP1-86056

NBP1-86056PEP	Chromogranin A 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

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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