

Product Datasheet

Chromogranin A Antibody (CGA/414) NBP2-29428

Unit Size: 0.1 mg

Store at 4C.

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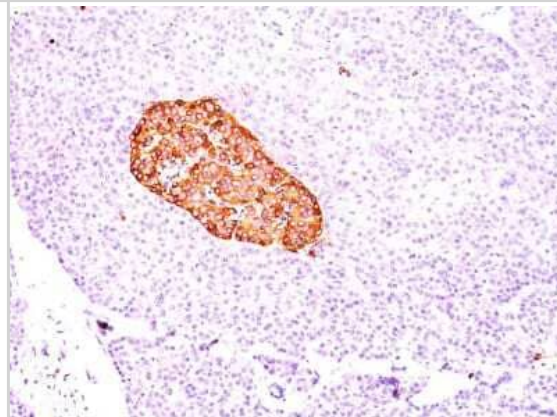
NBP2-29428**Chromogranin A Antibody (CGA/414)**

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CGA/414
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-33198) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1113
Gene Symbol	CHGA
Species	Human, Mouse, Rat (Negative)
Reactivity Notes	Does not react with Rat. Mouse reactivity reported in scientific literature (PMID: 29352046).
Marker	Neuroendocrine Marker
Immunogen	Recombinant full-length human Chromogranin A protein (Uniprot: P10645)
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

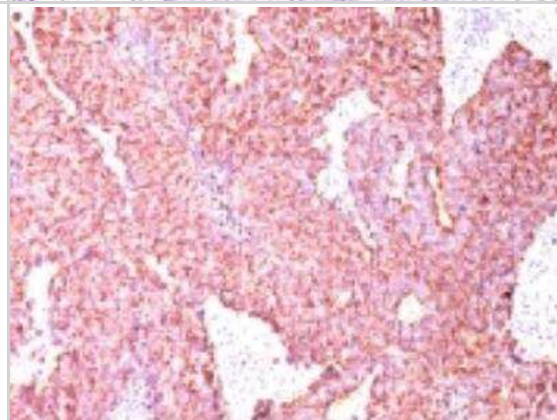


Images

Immunohistochemistry-Paraffin: Chromogranin A Antibody (CGA/414) [NBP2-29428] - Formalin-fixed, paraffin-embedded pancreas stained with Chromogranin A Ab (CGA414).



Immunohistochemistry-Paraffin: Chromogranin A Antibody (CGA/414) [NBP2-29428] - Formalin-fixed, paraffin-embedded human small cell Lung Carcinoma stained with Chromogranin A Monoclonal Antibody (CGA/414)



Publications

Zhou, J;Sheridan, MA;Tian, Y;Dahlgren, KJ;Messler, M;Peng, T;Ezashi, T;Schulz, LC;Ulery, BD;Roberts, RM;Schust, DJ; Development of properly-polarized trophoblast stem cell-derived organoids to model early human pregnancy. bioRxiv : the preprint server for biology 2023-10-02 [PMID: 37873440]

Che YH, Choi IY, Song CE et al. Peripheral Neuron-Organoid Interaction Induces Colonic Epithelial Differentiation via Non-Synaptic Substance P Secretion International Journal of Stem Cells 2023-08-30 [PMID: 37385635] (ELISA, Western Blot, Immunocytochemistry/ Immunofluorescence)

Zhou J, Sheridan M, Tian Y et al. Development of Properly-Polarized Trophoblast Stem Cell-Derived Organoids to Model Early Human Pregnancy SSRN Electronic Journal 2022-11-02

Sampedro-NUNEZ M, Bouthelier A, Serrano-Somavilla A et al LAT-1 and GLUT-1 Carrier Expression and Its Prognostic Value in Gastroenteropancreatic Neuroendocrine Tumors Cancers (Basel) 2020-10-17 [PMID: 33066332] (IHC-P, Human)

Details:

Citation using the Azide and BSA Free version of this antibody.

Workman MJ, Gleeson JP, Troisi EJ et al. Enhanced Utilization of Induced Pluripotent Stem Cell-Derived Human Intestinal Organoids Using Microengineered Chips Cell Mol Gastroenterol Hepatol 2017-12-29 [PMID: 29930984] (ICC/IF, Human)

Jiang Z, Rajamanickam S, Justice NJ. Local Corticotropin-Releasing-Factor Signaling in the Hypothalamic Paraventricular Nucleus J. Neurosci. 2018-01-19 [PMID: 29352046] (Mouse)

Sampedro-Nunez M, Luque RM, Ramos-Levi AM et al. Presence of sst5TMD4, a truncated splice variant of the somatostatin receptor subtype 5, is associated to features of increased aggressiveness in pancreatic neuroendocrine tumors. Oncotarget [PMID: 26673010] (IF/IHC)

Details:

Used the Alexa Fluor 488 form of this antibody.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com

Technical Support: nb-technical@bio-techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

Products Related to NBP2-29428

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBC1-26369	Recombinant Human Chromogranin A Protein

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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