

# Product Datasheet

## Chromogranin A Antibody (CGA/414) - Azide and BSA Free NBP2-33198

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-33198**

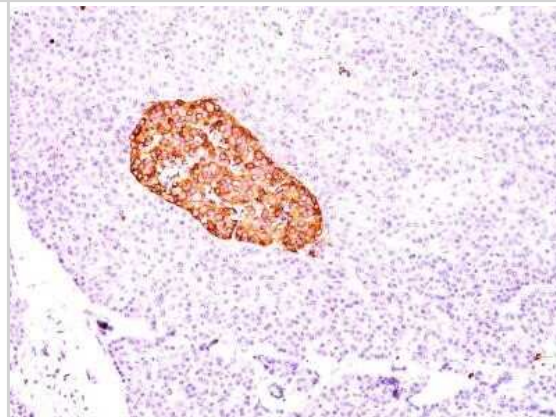
Chromogranin A Antibody (CGA/414) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CGA/414
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS
<b>Product Description</b>	
<b>Description</b>	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-29428).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
<b>Host</b>	Mouse
<b>Gene ID</b>	1113
<b>Gene Symbol</b>	CHGA
<b>Species</b>	Human, Mouse, Rat (Negative)
<b>Reactivity Notes</b>	Does not react with Rat. Mouse reactivity reported in scientific literature (PMID: 29352046).
<b>Marker</b>	Neuroendocrine Marker
<b>Immunogen</b>	Recombinant full-length human Chromogranin A protein (Uniprot: P10645)
<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	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.

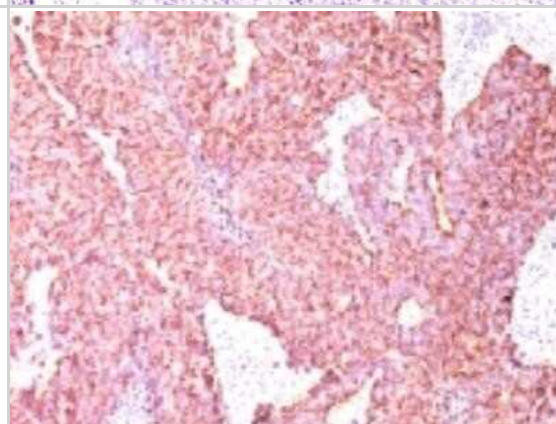


## Images

Immunohistochemistry-Paraffin: Chromogranin A Antibody (CGA/414) - Azide and BSA Free [NBP2-33198] - Formalin-fixed, paraffin-embedded pancreas stained with Chromogranin A Ab (CGA414).



Immunohistochemistry-Paraffin: Chromogranin A Antibody (CGA/414) - Azide and BSA Free [NBP2-33198] - Formalin-fixed, paraffin-embedded human small cell Lung Carcinoma stained with Chromogranin A Monoclonal Antibody (CGA/414)



## Publications

Cuesta-Gomez N, Verhoeff K, Dadheech N et al. AT7867 promotes pancreatic progenitor differentiation of human iPSCs Stem cell reports 2023-11-14 [PMID: 37922913]

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, IHC-P, Human)

Details:

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



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### **Products Related to NBP2-33198**

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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)
NBP2-61453-10ug	Recombinant Human Chromogranin A His 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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