

# Product Datasheet

## Chromogranin A Antibody (OT12E12) - Azide and BSA Free NBP2-70410

Unit Size: 100 ug

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

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**NBP2-70410**

Chromogranin A Antibody (OTI2E12) - Azide and BSA Free

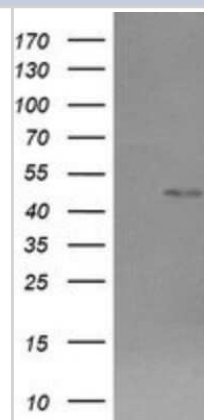
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2E12
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	48.9 kDa

Product Description	
Host	Mouse
Gene ID	1113
Gene Symbol	CHGA
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human CHGA(NP_001266) produced in HEK293T cell.

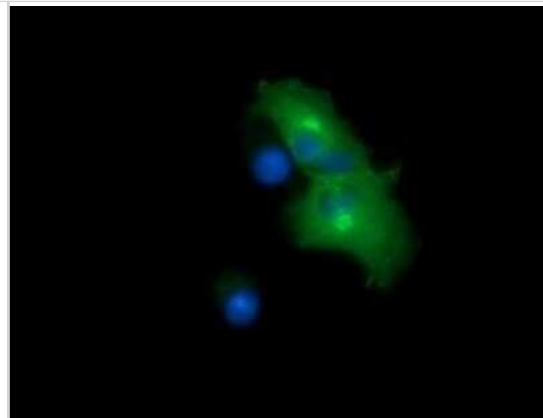
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:200-4000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100

**Images**

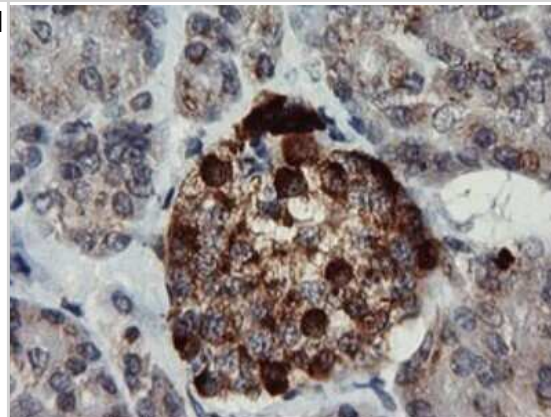
Western Blot: Chromogranin A Antibody (OTI2E12) - Azide and BSA Free [NBP2-70410] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Chromogranin A.



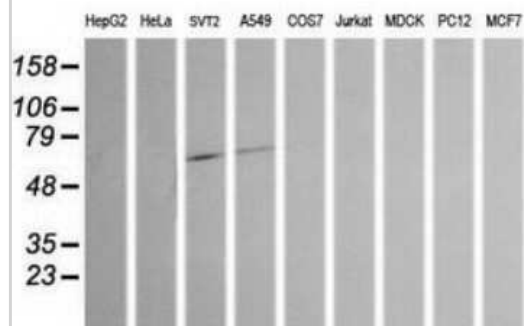
Immunocytochemistry/Immunofluorescence: Chromogranin A Antibody (OT12E12) - Azide and BSA Free [NBP2-70410] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY Chronogranin A.



Immunohistochemistry: Chromogranin A Antibody (OT12E12) - Azide and BSA Free [NBP2-70410] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Western Blot: Chromogranin A Antibody (OT12E12) - Azide and BSA Free [NBP2-70410] - Analysis of extracts (35ug) from 9 different cell lines by using CHGA monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemistry: Chromogranin A Antibody (OT12E12) - Azide and BSA Free [NBP2-70410] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min) ✘



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### **Products Related to NBP2-70410**

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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)
NBC1-26369	Recombinant Human Chromogranin A 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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