

# Product Datasheet

## AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free NBP2-70450

Unit Size: 100 ug

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

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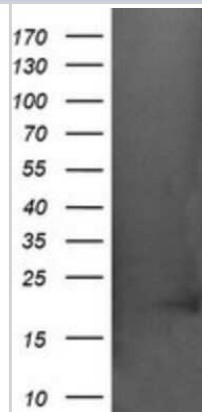
**NBP2-70450**

AlphaA Crystallin/CRYAA Antibody (OTI3B12) - 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	OTI3B12
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	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	19.7 kDa
Product Description	
Description	Novus Biologicals Mouse AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free (NBP2-46354) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1409
Gene Symbol	CRYAA
Species	Human, Mouse, Rat
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 CRYAA(NP_000385) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin

## Images

Western Blot: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CRYAA.



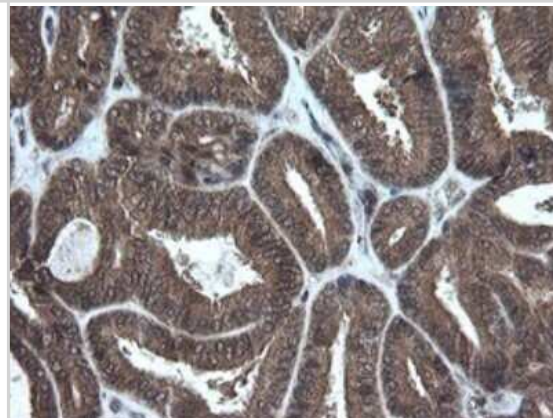
Immunocytochemistry/Immunofluorescence: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY CRYAA.



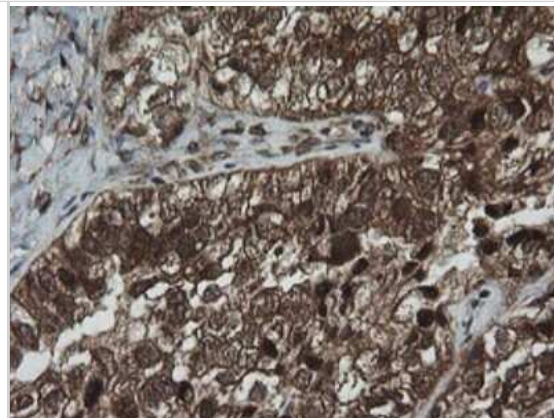
Immunohistochemistry: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of Human prostate tissue.



Immunohistochemistry: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of Adenocarcinoma of Human endometrium tissue.



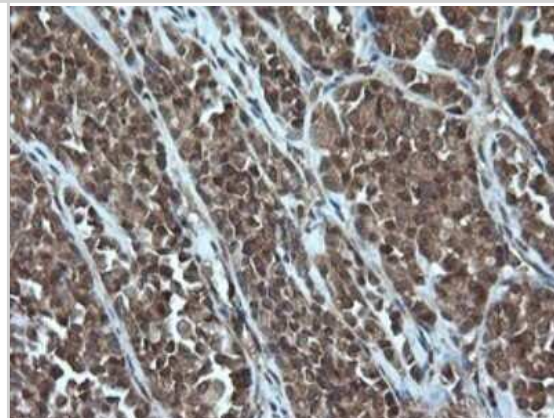
Immunohistochemistry: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of Adenocarcinoma of Human ovary tissue.



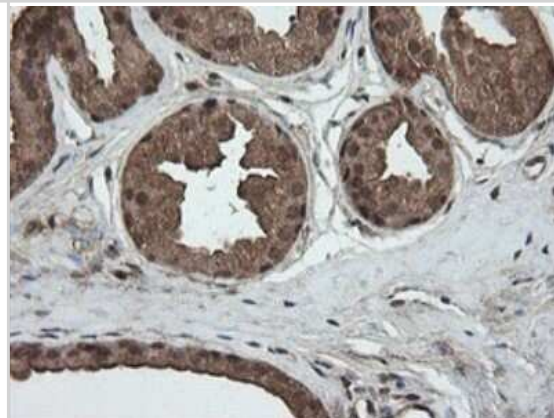
Immunohistochemistry: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of Carcinoma of Human liver tissue.



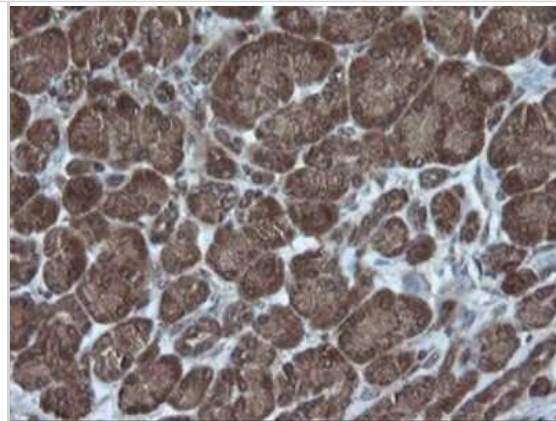
Immunohistochemistry: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of Carcinoma of Human thyroid tissue.



Immunohistochemistry: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of Human breast tissue.



Immunohistochemistry: AlphaA Crystallin/CRYAA Antibody (OTI3B12) - Azide and BSA Free [NBP2-70450] - Analysis of Human pancreas tissue.





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### **Products Related to NBP2-70450**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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