

# Product Datasheet

## AlphaA Crystallin/CRYAA Antibody - BSA Free NBP3-05575-100ul

Unit Size: 100 ul

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

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**NBP3-05575-100ul**

AlphaA Crystallin/CRYAA Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	19 kDa

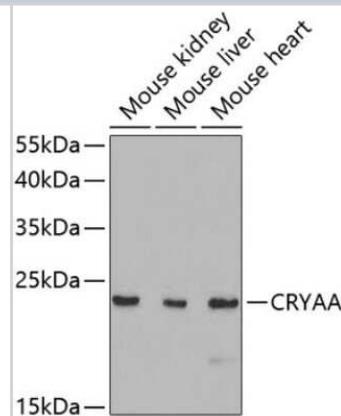
Product Description	
Description	Novus Biologicals Rabbit AlphaA Crystallin/CRYAA Antibody - BSA Free (NBP3-05575) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1409
Gene Symbol	CRYAA
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-173 of human AlphaA Crystallin/CRYAA (NP_000385.1). MDVTIQHPWFKRTLGPFPYPSRLFDQFFGEGLEFYDLLPFLSSTISPYRQSLFR TVLDSGISEVRSRDKFVIFLDVKHFSPEDLTVKVQDDFVEIHGKHNERQDDHG YISREFHRRYRLPSNVDQSALSCSLADGMLTFCGPKIQTGLDATHAERAIPVS REEKPTSAPSS

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000 - 1:6000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

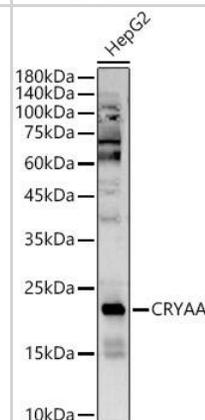


## Images

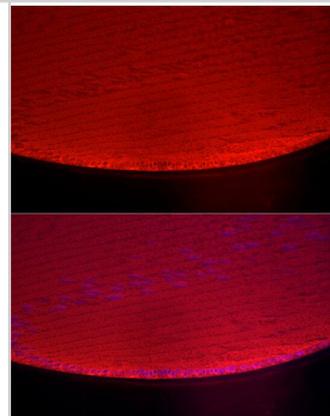
**Western Blot: AlphaA Crystallin/CRYAA Antibody [NBP3-05575] -** Western blot analysis of extracts of various cell lines, using AlphaA Crystallin/CRYAA antibody (NBP3-05575) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



**Western Blot: AlphaA Crystallin/CRYAA Antibody - BSA Free [NBP3-05575] -** Western blot analysis of lysates from HepG2 cells, using AlphaA Crystallin/CRYAA Rabbit pAb (A5725) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



**Immunocytochemistry/ Immunofluorescence: AlphaA Crystallin/CRYAA Antibody - BSA Free [NBP3-05575] -** Immunofluorescence analysis of paraffin-embedded Rat Eye using AlphaA Crystallin/CRYAA Rabbit pAb (A5725) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.





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### **Products Related to NBP3-05575-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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