

Product Datasheet

AlphaB Crystallin/CRYAB Antibody (1B6.1-3G4) - BSA Free NBP1-97494-0.05mg

Unit Size: 0.05 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-97494

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-97494



NBP1-97494-0.05mg

AlphaB Crystallin/CRYAB Antibody (1B6.1-3G4) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B6.1-3G4
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS and 50% Glycerol
Target Molecular Weight	20 kDa

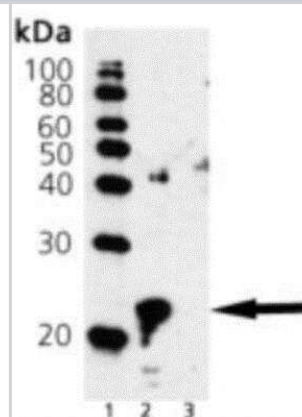
Product Description	
Description	Novus Biologicals Mouse AlphaB Crystallin/CRYAB Antibody (1B6.1-3G4) - BSA Free (NBP1-97494) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-AlphaB Crystallin/CRYAB Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1410
Gene Symbol	CRYAB
Species	Human, Mouse, Rat, Bovine, Chicken
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Bovine Crystallin AB.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 10ug/ml, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml

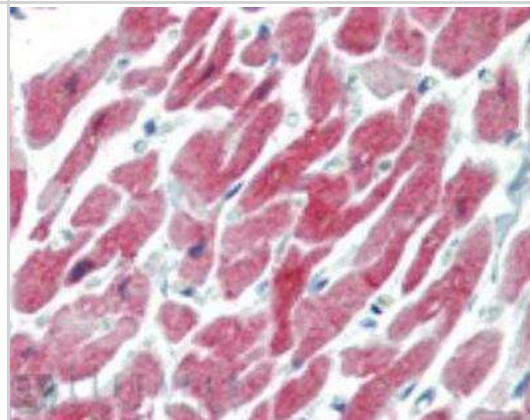


Images

Western Blot: AlphaB Crystallin/CRYAB Antibody (1B6.1-3G4) [NBP1-97494] - Crystallin AB Antibody (1B6.1-3G4) Lane 1: MW marker, Lane 2: alpha-Crystallin, Lane 3: alpha A Crystallin, Lane 4: alpha B Crystallin, Lane 5: alpha-Crystallin.



Immunohistochemistry-Paraffin: AlphaB Crystallin/CRYAB Antibody (1B6.1-3G4) [NBP1-97494] - Crystallin AB Antibody (1B6.1-3G4) Human Heart tissue stained with alpha B-Crystallin, mAb (1B6.1-3G4) at 10ug/ml.



Publications

Molina-Jijon E, Aparicio-Trejo OE, Rodriguez-Munoz R et al. The nephroprotection exerted by curcumin in maleate-induced renal damage is associated with decreased mitochondrial fission and autophagy *Biofactors* 2016-07-13 [PMID: 27412471] (WB, IF/IHC, Human)

T Pannabecker et al. Loop of Henle interaction with interstitial nodal spaces in the renal inner medulla. *Am. J. Physiol. Renal Physiol.* 295, F1744 . 2008-01-01 [PMID: 18842821] (IF/IHC, Rat)

TW Mu et al. Chemical and biological approaches synergize to ameliorate protein-folding diseases. *Cell* 134, 769 . 2008-01-01 [PMID: 18775310] (WB, Human)

N Rao et al. Elevated retina-specific expression of the small heat shock protein, α A-crystallin, is associated with photoreceptor protection in experimental uveitis. *Invest. Ophthalmol. Vis. Sci.* 49, 1161 . 2008-01-01 [PMID: 18326745] (WB, Mouse)

VL Cryns et al. The small heat shock protein alpha B-crystallin negatively regulates cytochrome c- and caspase-8-dependent activation of caspase-3 by inhibiting its autoproteolytic maturation. *J. Biol. Chem.* 276, 16059. 2001-01-01 [PMID: 11274139] (WB, Mouse)



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 NBP1-97494-0.05mg

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-97494

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

