

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.

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NBP1-97494-0.05mg

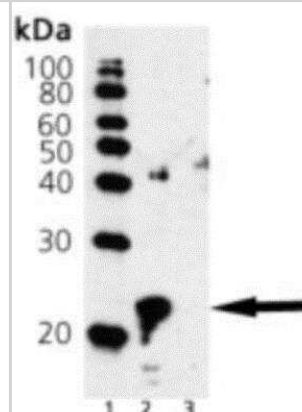
AlphaB Crystallin/CRYAB Antibody (1B6.1-3G4) - BSA Free

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

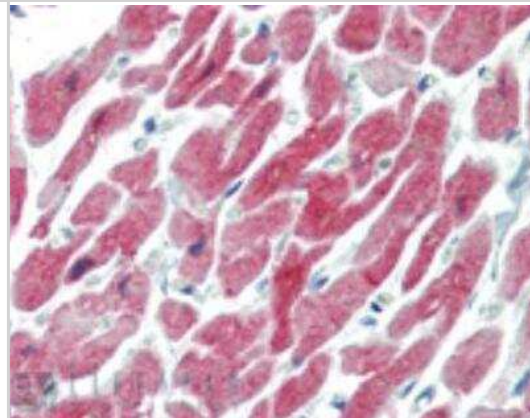


Images

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)



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