

Product Datasheet

AlphaB Crystallin/CRYAB [p Ser45] Antibody - BSA Free NB120-5598

Unit Size: 100ug

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

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Publications: 1

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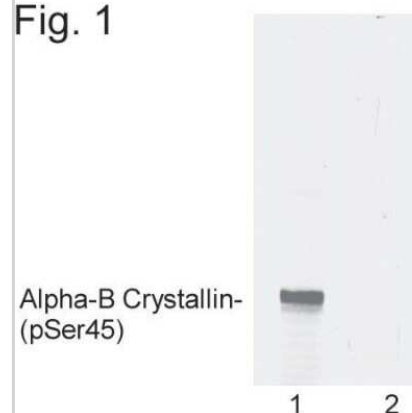
Product Information	
Unit Size	100ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Reconstitution Instructions	Reconstitute to desired concentration.
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	1410
Gene Symbol	CRYAB
Species	Human, Mouse, Rat, Bovine
Specificity/Sensitivity	This does not detect the unphosphorylated form of the protein.
Immunogen	Synthetic phopshopeptide corresponding to residues L(44) S(p) P F Y L R P P S F(54) C of human alpha-B Crystallin.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Western Blot 0.5 ug/ml, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 8 ug/ml, Immunofluorescence 5 ug/ml
Application Notes	WB: Detects an approx. 20 kDa representing recombinant bovine phospho-alpha-B crystallin (Ser45). IF: Staining of phospho-alpha-B crystallin (Ser45) in U373 MG cells results in cytoplasmic staining.

Images

Western Blot: AlphaB Crystallin/CRYAB [p Ser45] Antibody [NB120-5598] - Analysis of recombinant bovine phospho-alpha-B crystallin (Ser45). Lane 1 is phospho-alpha-B crystallin (Ser45) and lane 2 is unphosphorylated alpha-B crystallin.

Fig. 1**Publications**

Ueda S, Nishihara M, Hioka Y et al. Polo-Like Kinase 2 Plays an Essential Role in Cytoprotection against MG132-Induced Proteasome Inhibition via Phosphorylation of Serine 19 in HSPB5 International Journal of Molecular Sciences 2022-09-24 [PMID: 36232565] (Western Blot, Immunocytochemistry/ Immunofluorescence)



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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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