

Product Datasheet

AlphaB Crystallin/CRYAB Antibody (JA50-32) NBP2-67149

Unit Size: 100 μ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67149

AlphaB Crystallin/CRYAB Antibody (JA50-32)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JA50-32
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

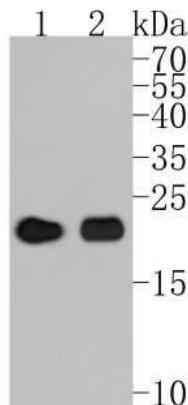
Host	Rabbit
Gene Symbol	CRYAB
Species	Human, Rat
Immunogen	Synthetic peptide within Human AlphaB Crystallin/CRYAB aa 126-175 / 175. (SwissProt: P02511 Human; SwissProt: P23928 Rat)

Product Application Details

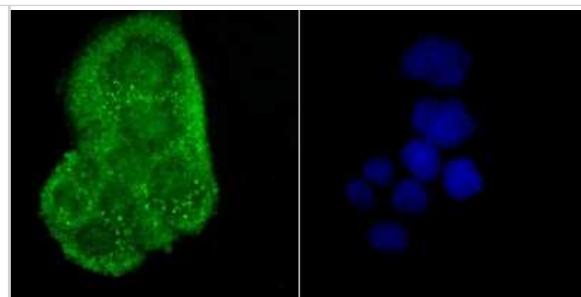
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

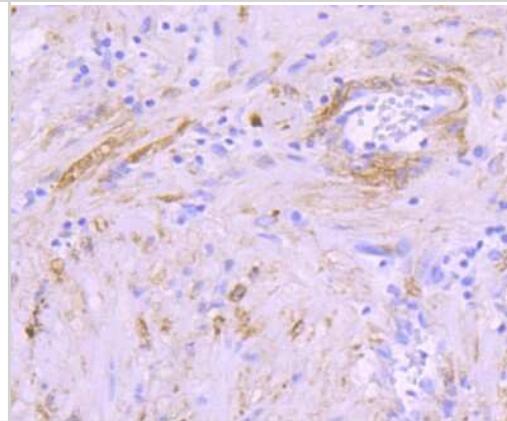
Western Blot: AlphaB Crystallin/CRYAB Antibody (JA50-32) [NBP2-67149] - Western blot analysis of AlphaB Crystallin/CRYAB on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: rat heart tissue lysate Lane 2: human skeletal muscle tissue lysate



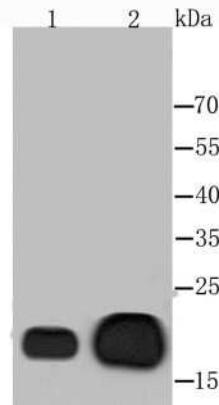
Immunocytochemistry/Immunofluorescence: AlphaB Crystallin/CRYAB Antibody (JA50-32) [NBP2-67149] - Staining Alpha B Crystallin in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



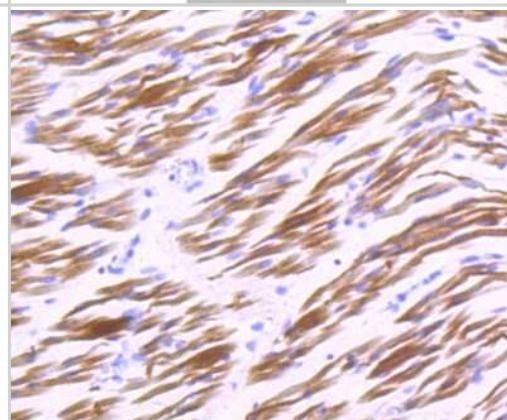
Immunohistochemistry-Paraffin: AlphaB Crystallin/CRYAB Antibody (JA50-32) [NBP2-67149] - Analysis of paraffin-embedded human prostate tissue using anti-Alpha B Crystallin antibody. Counter stained with hematoxylin.



Western Blot: AlphaB Crystallin/CRYAB Antibody (JA50-32) [NBP2-67149] - Analysis of Alpha B Crystallin on human skeleton muscle (1) and mouse heart (2) tissues lysate using anti-Alpha B Crystallin antibody at 1/1,000 dilution.



Immunohistochemistry-Paraffin: AlphaB Crystallin/CRYAB Antibody (JA50-32) [NBP2-67149] - Analysis of paraffin-embedded human embryonic skeletal muscle tissue using anti-Alpha B Crystallin antibody. Counter stained with hematoxylin.





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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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