[pSer^{19}]αB-Crystallin polyclonal antibody

Alpha-crystallins, which are part of the small Heat shock family members, are major water-soluble proteins present in the lens of the mammalian eye. Phosphorylation of serine residues which occurs during development and in response to stress, is intimately linked with its function. Chaperone activity requires, and is modulated by, oligomerization and is limited to binding unfolded intermediates to prevent irreversible aggregation.

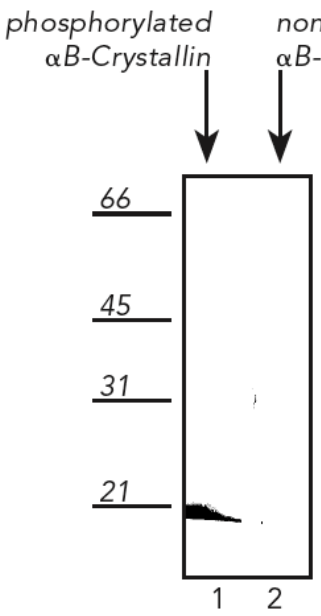
This antibody is covered by our Worry-Free Guarantee.

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ADI-SPA-225-C	25µg
ADI-SPA-225-E	100µg

Manuals, SDS & CofA View Online »



Western blot analysis of phosphorylated αB-Crystallin and non-phosphorylated αB-Crystallin proteins, probed with SPA-225.

Handling & Storage

Long Term Storage -20°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	CRYAB, HSPB5
Application	IP, WB
Formulation	Liquid. In sodium phosphate buffer, pH 7.0, containing 3% BSA.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human αB-crystallin. The sequence is completely conserved in mouse, rat and bovine phosphorylated at Ser19.
Recommendation Dilutions/Conditions	Immunoprecipitation (12.5µg/ml)Western Blot (1µg/ml, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Human, Mouse
UniProt ID	P02511
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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