αA-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.

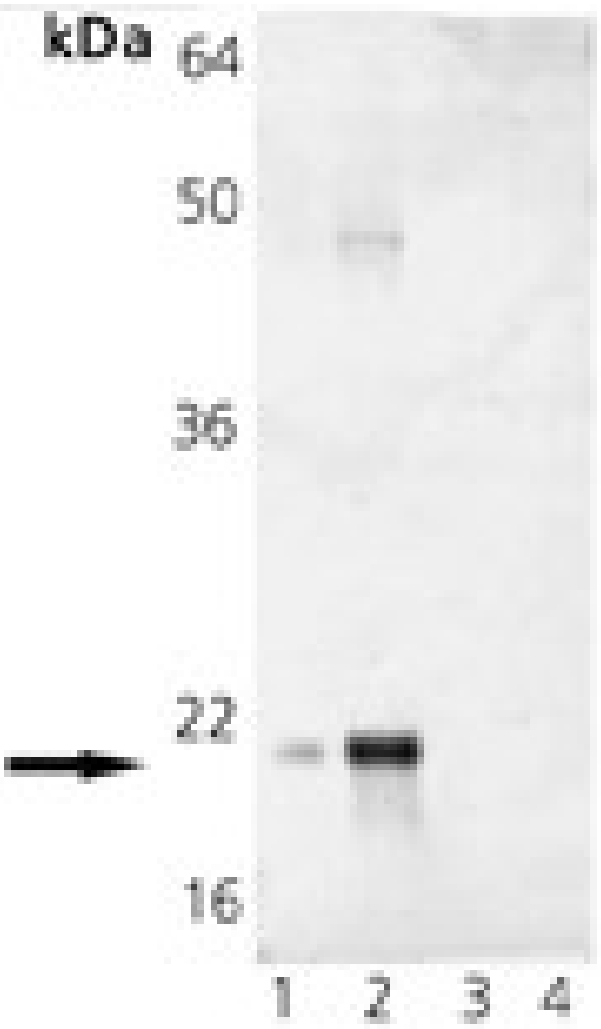
This antibody is covered by our Worry-Free Guarantee.

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ADI-SPA-221-D	50µg
ADI-SPA-221-F	200µg

Manuals, SDS & CofA View Online »



Western blot analysis of Crystallin, alpha-A pAb: Lane 1: Crystallin, alpha Native Bovine Protein, Lane 2: Crystallin, alpha A Native Bovine Protein, Lane 3: Crystallin, alpha B Native Bovine Protein (Negative Control), Lane 4: Crystallin, beta Native Bovine Protein (Negative Control).

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CRYAA, HSPB4
Application	IF, IP, WB
Application Notes	Detects a band of ~20kDa by Western blot.
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
GenBank ID	U05569
Host	Rabbit
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of human αA-Crystallin. The sequence is completely conserved in frog and chicken.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, 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	P02489
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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