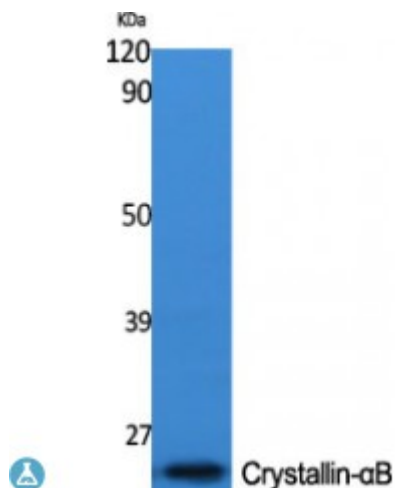


Anti-Crystallin-alpha antibody



Description	Rabbit polyclonal to Crystallin-alphaB.
Model	STJ92490
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Crystallin-alphaB around the non-phosphorylation site of S19.
Immunogen Region	10-90 aa
Gene ID	1410
Gene Symbol	CRYAB
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	Crystallin-alphaB Polyclonal Antibody detects endogenous levels of Crystallin-alphaB protein.
Tissue Specificity	Lens as well as other tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Alpha-crystallin B chain Alpha B-crystallin Heat shock protein beta-5 HspB5 Renal carcinoma antigen NY-REN-27 Rosenthal fiber component
Molecular Weight	24 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2389OMIM:123590
Alternative Names	Alpha-crystallin B chain Alpha B-crystallin Heat shock protein beta-5 HspB5 Renal carcinoma antigen NY-REN-27 Rosenthal fiber component
Function	May contribute to the transparency and refractive index of the lens. Has chaperone-like activity, preventing aggregation of various proteins under a wide range of stress conditions.
Cellular Localization	Cytoplasm Nucleus. Translocates to the nucleus during heat shock and resides in sub-nuclear structures known as SC35 speckles or nuclear splicing speckles.

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