

Datasheet for ABIN7143853
anti-CRYAA antibody (AA 98-173)



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1 Image

Overview

Quantity:	100 µg
Target:	CRYAA
Binding Specificity:	AA 98-173
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRYAA antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Alpha-crystallin A chain protein (98-173AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CRYAA
Alternative Name:	CRYAA (CRYAA Products)
Background:	Background: Contributes 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.

Target Details

Aliases: Acry 1 antibody, Alpha crystallin A chain antibody, Alpha-crystallin A chain antibody, CRYA 1 antibody, CRYA1 antibody, CRYAA antibody, CRYAA_HUMAN antibody, Crystallin alpha 1 antibody, Crystallin alpha A antibody, Heat shock protein beta 4 antibody, Heat shock protein beta-4 antibody, HSPB 4 antibody, HspB4 antibody, short form antibody, Zonular Central Nuclear Cataract antibody

UniProt: [P02489](#)

Pathways: [M Phase](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

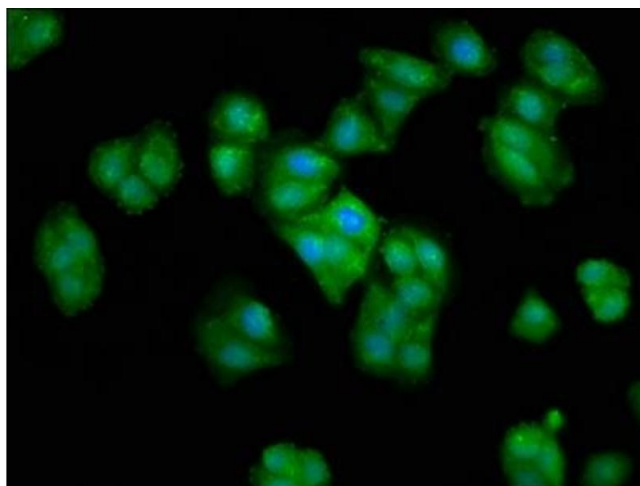
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7143853 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).