

Rabbit anti-Human Alpha B Crystallin Polyclonal Antibody

Anti-Alpha B Crystallin Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258802	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Alpha B Crystallin; Polyclonal Antibody; Anti-Alpha B Crystallin Antibody; Rabbit Polyclonal; crystallin; alpha B; Anti-CMD1II Antibody; Anti-CRYA2 Antibody; Anti-CTPP2 Antibody; Anti-CTRCT16 Antibody; Anti-HEL-S-101 Antibody; Anti-HSPB5 Antibody; Anti-MFM2 Antibody; anti-Alpha B Crystallin antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Alpha B Crystallin
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Alpha B Crystallin antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human Alpha B Crystallin
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human Alpha B Crystallin, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for twelve months without detectable loss of activity. Protected from prolonged exposure to light. Do not freeze !

IMAGES



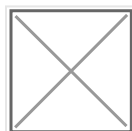
IHC (Immunohistochemistry)

Immunohistochemical staining of human CRYAB in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunohistochemical staining of human CRYAB in human muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IF (Immunofluorescence)

Immunofluorescence staining of Alpha B Crystallin in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human Alpha B Crystallin polyclonal antibody (dilution ratio 1:100) at 4°C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.

ADDITIONAL INFORMATION

Related Product Information for anti-Alpha B Crystallin antibody	Alpha B-Crystallin (CRYAB) is purported to be a metastasis suppressor protein, and lack or lower CRYAB expression is a prognostic biomarker for several types of cancer, such as that of the prostate and head and neck. Mutations in alpha-B crystallin gene (CRYAB) have been described to cause congenital cataracts, dilated cardiomyopathy and myofibrillar myopathy. Mutations in the alphaB-crystallin (CRYAB) gene, encoding a small heat shock protein with chaperone function, are a rare cause of myofibrillar myopathy with autosomal-dominant inheritance, late-onset and moderate severity. Mutations in the CRYAB gene, encoding alpha-B crystallin, cause distinct clinical phenotypes including isolated posterior polar cataract, myofibrillar myopathy, cardiomyopathy, or a multisystemic disorder combining all these features. CRYAB may be identified as a novel prognostic marker and targeting CRYAB may provide a promising strategy for NSCLC treatment.
--	---

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-b-crystallin-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/258802>