

Rabbit beta A4 Crystallin Polyclonal Antibody

beta A4 Crystallin antibody

CATALOG # AAA107915	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
-------------------------------	-----------------------	--

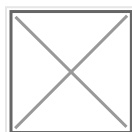
PRODUCT SYNONYMS

beta A4 Crystallin; Polyclonal Antibody; beta A4 Crystallin antibody; Polyclonal beta A4 Crystallin; Anti-beta A4 Crystallin; beta A Crystallin 4; CRYBA4; crystallin beta polypeptide A4; crystallin beta A4; beta-A4 crystallin; eye lens structural protein; beta-crystallin A4; beta A Crystallin-4; MCOPCT4; anti-beta A4 Crystallin antibody

PRODUCT SPECIFICATIONS

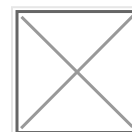
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	beta A4 Crystallin antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-beta A4 Crystallin antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	Crystallins are separated into two classes: taxon-specific, or enzyme, and ubiquitous. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. Since lens central fiber cells lose their nuclei during development, these crystallins are made and then retained throughout life, making them extremely stable proteins. Mammalian lens crystallins are divided into alpha, beta, and gamma families; beta and gamma crystallins are also considered as a superfamily. alpha and beta families are further divided into acidic and basic groups. Seven protein regions exist in crystallins: four homologous motifs, a connecting peptide, and N- and C-terminal extensions. Beta-crystallins, the most heterogeneous, differ by the presence of the C-terminal extension.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Beta-crystallin A4 antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299; B: HeLa) using a 12 % SDS PAGE gel and beta A4 Crystallin antibody at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: mouse brain) using a 12 % SDS PAGE gel and beta A4 Crystallin antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-beta A4 Crystallin antibody	Affinity purified Rabbit polyclonal beta A4 Crystallin antibody
Product Categories/Family for anti-beta A4 Crystallin antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	22 kDa
------------------	--------

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/beta-a4-crystallin-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107915>