Product Name: CRYAA (15B3) Rabbit Monoclonal Antibody
Catalog #: AMRe09434

Summary

Production Name	CRYAA (15B3) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	CRYAA
Alternative Names	Acry 1; CRYA1; CRYAA; HspB4;
Gene ID	102724652;1409
SwissProt ID	P02489.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	20kDa

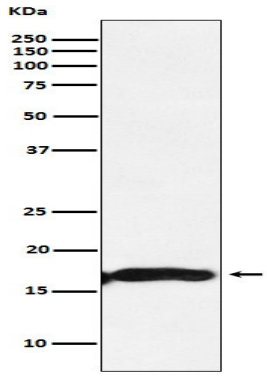
Product Name: CRYAA (15B3) Rabbit Monoclonal Antibody
Catalog #: AMRe09434

Background

May contribute to the transparency and refractive index of the lens. Contributes to the transparency and refractive index of the lens (PubMed:18302245). In its oxidized form (absence of intramolecular disulfide bond), acts as a chaperone, preventing aggregation of various proteins under a wide range of stress conditions (PubMed:22120592, PubMed:31792453, PubMed:18199971, PubMed:19595763). Required for the correct formation of lens intermediate filaments as part of a complex composed of BFSP1, BFSP2 and CRYAA (PubMed:28935373).

Research Area

Image Data



Western blot analysis of CRYAA expression in Mouse eyeball lysate.

Note

For research use only.