Crystallin-Alpha B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Crystallin-alpha B, Polyclonal Antibody
Full Product Name	Rabbit Anti Human Crystallin-alpha B Polyclonal Affinity Purified (PBS with 0.05% sodium azide and 50% glycerol, pH7.4)(Western Blot, ELISA)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	It is a polyclonal antibody in a liquid format, buffered in PBS with 0.05% sodium azide and 50% glycerol, pH7.4
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Immunogen	Recombinant protein of human CRYAB
Applications Tested/Suitable for anti-Crystallin-alpha B antibody	Western Blot (WB), ELISA (EIA)
Related Product Information for anti-Crystallin-alpha B antibody	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. Alpha crystallins are composed of two gene products: alpha-A and alpha-B, for acidic and basic, respectively. Alpha crystallins can be induced by heat shock and are members of the small heat shock protein (sHSP also known as the HSP20) family. They act as molecular chaperones although they do not renature proteins and release them in the fashion of a true chaperone; instead they hold them in large soluble aggregates. Post-translational modifications decrease the ability to chaperone. This product can be used in analytical tools such as Western Blot, ELISA.
Other Notes	Small volumes of anti-Crystallin-alpha B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Crystallin-alpha B purchase	MBS8423511 is an antibody targeting Crystallin-alpha B. Also known as Rabbit Anti Human Crystallin-alpha B Polyclonal Affinity Purified (PBS with 0.05% sodium azide and 50% glycerol, pH7.4)(Western Blot, ELISA). Reactive in Human, Mouse, Rat. Host: Rabbit.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/crystallin-alpha-b/8423511