

CRBB3 Rabbit Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-AP08433 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthesized peptide derived from human CRBB3 |
| Mol wt | 23210 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | WB |
| Concentration | 1 mg/ml |
| Full name | CRBB3 |
| Synonyms | CRBB3 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

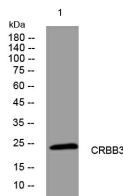
Crystallins are separated into two classes: taxon-specific| or enzyme| and ubiquitous. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. Since lens central fiber cells lose their nuclei during development| these crystallins 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 (present in the basic group| none in the acidic group). Beta-crystallins form aggregates of different sizes and are able to self-associate to form dimers or to form heterodimers with other beta-crystallins. This gene| a beta basic group member| is part of a gene cluster with beta-A4| beta-B1| and beta-B2. Mutations in this gene result in cataract congenital nuclear autosomal recessive type 2.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year