

CRBB1 Rabbit Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP08388

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from human CRBB1

Mol wt 27720

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB

Concentration 1 mg/ml

Full name CRBB1

Synonyms CRBB1

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

Background

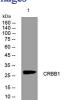
Crystallins are separated into two classes: taxon-specific| or enzyme| and ubiquitous. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. Since lens central fiber cells lose their nuclei during development| these crystallins 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| undergoes extensive cleavage at its N-terminal extension during lens maturation. It is also a member of a gene cluster with beta-A4| beta-B2| and beta-B3.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year