

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

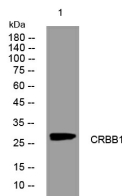
Crystallins are separated into two classes: taxon-specific| or enzyme| and ubiquitous. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. Since lens central fiber cells lose their nuclei during development| these crystallins 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