

## Datasheet for ABIN1714598 anti-CRYBB1 antibody (AA 101-200)



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### Overview

Quantity:	100 µL
Target:	CRYBB1
Binding Specificity:	AA 101-200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRYBB1 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human beta B1 Crystallin
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	CRYBB1
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## Target Details

Alternative Name:	beta B1 Crystallin ( <a href="#">CRYBB1 Products</a> )
Background:	<p>Synonyms: Beta crystallin B1, Beta-B1 crystallin, Beta-crystallin B1, CRBB1_HUMAN, CRYBB 1, Crybb1, Crystallin beta B1, Eye lens structural protein, OTTHUMP00000028719.</p> <p>Background: Crystallins are the major proteins of the vertebrate eye lens, where they maintain the transparency and refractive index of the lens. Crystallins are divided into Alpha, Beta, and Gamma families, and the Beta- and Gamma-crystallins also comprise a superfamily. Crystallins usually contain seven distinctive protein regions, including four homologous motifs, a connecting peptide, and N- and C-terminal extensions. Beta-crystallins constitute the major lens structural proteins, and they associate into dimers, tetramers, and higher order aggregates. The Beta-crystallin subfamily is composed of several gene products, including Beta A1-, Beta A2-, Beta A3-, Beta A4-, Beta B1-, Beta B2- and Beta B3-crystallin. The Beta A1- and Beta A3-crystallin proteins are encoded by a single mRNA. They differ by only 17 amino acids, and Beta A1-crystallin is generated by use of an alternate translation initiation site.</p>
Gene ID:	1414

## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

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Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months