

Datasheet for ABIN6991795  
**anti-CRB1 antibody (AA 780-830)**



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## Overview

Quantity:	0.1 mg
Target:	CRB1
Binding Specificity:	AA 780-830
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRB1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	Rabbit polyclonal CRB1 antibody was raised against an 18 amino acid peptide near the center of human CRB1. The immunogen is located within amino acids 780 - 830 of CRB1.
Isotype:	IgG
Specificity:	Alternatively spliced transcript variants have been observed. CRB1 antibody is predicted to not cross-react with CRB2.
Purification:	CRB1 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	CRB1
Alternative Name:	CRB1 ( <a href="#">CRB1 Products</a> )

## Target Details

Background:	CRB1 Antibody: CRB1 (Crumbs homolog 1) plays a role in photoreceptor morphogenesis in the retina. It may maintain cell polarization and adhesion. CRB1 is similar to the Drosophila crumbs protein and localizes to the inner segment of mammalian photoreceptors. The first identified human homolog, CRB1, is expressed in retina and some parts of the brain, leaving room for another homolog to function in epithelial tissues. Mutations in this gene are associated with a severe form of retinitis pigmentosa, RP12, and with Leber congenital amaurosis.
Molecular Weight:	Predicted: 142 kDa
Gene ID:	23418
NCBI Accession:	<a href="#">NP_001180569</a>
UniProt:	<a href="#">P82279</a>
Pathways:	<a href="#">Notch Signaling</a>

## Application Details

Application Notes:	CRB1 antibody can be used for detection of CRB1 by Western blot at 1 - 2 µg/mL.  Antibody validated: Western Blot in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CRB1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	CRB1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.