

**CRB1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55395****Specification**

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**CRB1 Polyclonal Antibody - Product Information**

Application	<b>IHC-P</b>
Primary Accession	<a href="#">P82279</a>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>154183</b>

**CRB1 Polyclonal Antibody - Additional Information****Gene ID** 23418**Other Names**

Protein crumbs homolog 1, CRB1 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=2343" target="\_blank">HGNC:2343</a>)

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**CRB1 Polyclonal Antibody - Protein Information****Name** CRB1 ([HGNC:2343](#))**Function**

Plays a role in photoreceptor morphogenesis in the retina (By similarity). May maintain cell polarization and adhesion (By similarity).

**Cellular Location**

[Isoform 1]: Apical cell membrane {ECO:0000250|UniProtKB:Q8VHS2}; Single-pass type I membrane protein. Secreted. Cell projection, cilium, photoreceptor outer segment {ECO:0000250|UniProtKB:Q8VHS2} Photoreceptor inner segment {ECO:0000250|UniProtKB:Q8VHS2}

**Tissue Location**

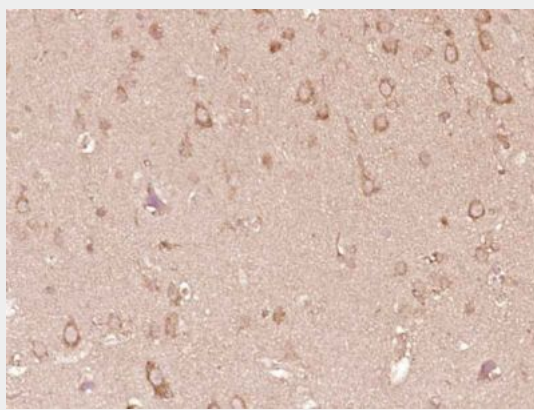
Preferential expression in retina, also expressed in brain, testis, fetal brain and fetal eye (PubMed:15914641) Expressed at the outer limiting membrane and apical to adherens junctions in the retina (PubMed:15914641)

## CRB1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CRB1 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRB1) Polyclonal Antibody, Unconjugated (bs-14045R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.