

CRB1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS16003**Specification**

CRB1 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P82279
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	154kDa KDa

CRB1 Antibody (Internal) - Additional Information**Gene ID** 23418**Other Names**

Protein crumbs homolog 1, CRB1

Target/Specificity

Alternatively spliced transcript variants have been observed. CRB1 antibody is predicted to not cross-react with CRB2.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

CRB1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

CRB1 Antibody (Internal) - 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

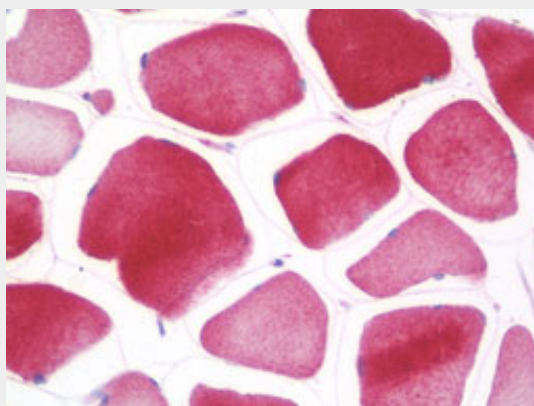
the retina (PubMed:15914641)

CRB1 Antibody (Internal) - 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 Antibody (Internal) - Images



Anti-CRB1 antibody IHC staining of human skeletal muscle.

CRB1 Antibody (Internal) - Background

Plays a role in photoreceptor morphogenesis in the retina. May maintain cell polarization and adhesion.

CRB1 Antibody (Internal) - References

den Hollander A.I., et al. Nat. Genet. 23:217-221(1999).
den Hollander A.I., et al. Hum. Mol. Genet. 10:2767-2773(2001).
Kantardzhieva A., et al. Invest. Ophthalmol. Vis. Sci. 46:2192-2201(2005).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Ota T., et al. Nat. Genet. 36:40-45(2004).