

For Research Use Only

# CRB2 Polyclonal antibody

Catalog Number: 28015-1-AP



## Basic Information

Catalog Number: 28015-1-AP	GenBank Accession Number: NM_173689	Purification Method: Antigen affinity purification
Concentration: 400 ug/ml	GeneID (NCBI): 286204	Recommended Dilutions: IHC 1:50-1:500 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5IJ48	
Isotype: IgG	Full Name: crumbs homolog 2 (Drosophila)	
Immunogen Catalog Number: AG27826	Calculated MW: 134 aa	

## Applications

Tested Applications: IHC, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse	IHC : mouse brain tissue, IF-P : mouse eye tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

CRB2 (Crumbs homolog-2) has a large extracellular domain with epidermal growth-factor-like and laminin-A globular domains, a single transmembrane domain, and an intracellular C-terminal domain of 37 amino acids (PMID: 31438467). CRB2 is a candidate modifying gene of human CRB1-related retinal dystrophy (PMID: 24565864).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

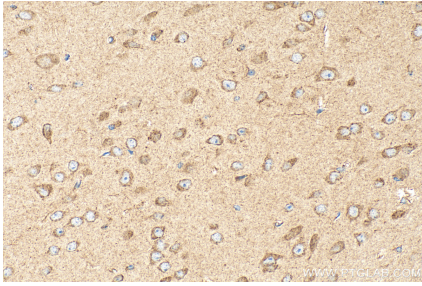
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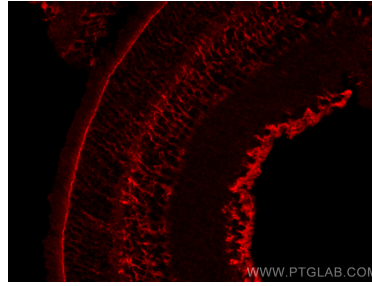
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28015-1-AP (CRB2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse eye tissue using CRB2 antibody (28015-1-AP) at dilution of 1:200 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).