

For Research Use Only

# RLBP1 Polyclonal antibody

Catalog Number: 15356-1-AP **15 Publications**



## Basic Information

<b>Catalog Number:</b> 15356-1-AP	<b>GenBank Accession Number:</b> BC004199	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 300 µg/ml	<b>GeneID (NCBI):</b> 6017	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P12271	
<b>Isotype:</b> IgG	<b>Full Name:</b> retinaldehyde binding protein 1	
<b>Immunogen Catalog Number:</b> AG7602	<b>Calculated MW:</b> 36 kDa	
	<b>Observed MW:</b> 36 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse eye tissue, HepG2 cells, mouse retina tissue, rat eye tissue IHC : human eye tissue, mouse eye tissue
<b>Cited Applications:</b> WB, IF, IHC	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat, mouse, zebrafish	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoman Zhu	36096985	Cell Death Dis	WB,IF
Ting Zhang	36064625	Stem Cell Res Ther	IF
Haibin Tian	36185374	iScience	IF

## 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:

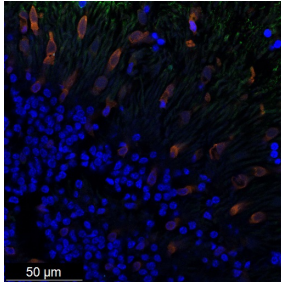
T: 4006900926

E: Proteintech-CN@ptglab.com

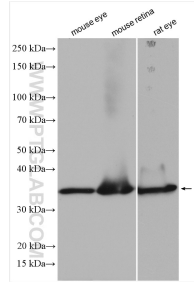
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

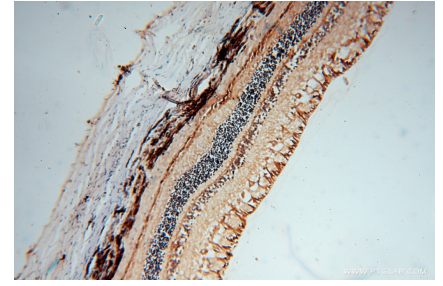
## Selected Validation Data



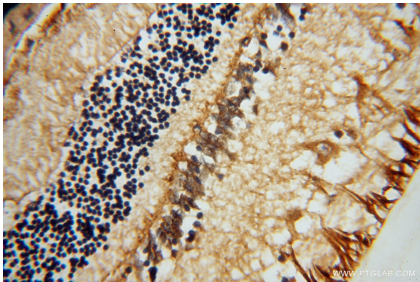
Retinal organoids (day 250) generated from human induced pluripotent stem cells (iPSCs) and fixed with 4% PFA. Stained for Tubulin beta 3/TUJ1 using 66375-1-Ig at 1:500 dilution (green) and CRALBP using 15356-1-AP at 1:400 (red). Nuclear stain DAPI (blue). Scale bar = 50 μm. Data generated by Alessandro Bellapianta at Johannes Kepler Universitat, Austria.



Various lysates were subjected to SDS PAGE followed by western blot with 15356-1-AP (RLBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human eye using 15356-1-AP (RLBP1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human eye using 15356-1-AP (RLBP1 antibody) at dilution of 1:50 (under 40x lens).