

# IHCeasy<sup>®</sup> RLBP1 Ready-To-Use IHC Kit

Catalog Number: **KHC3180**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human, Mouse, Rat  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Rabbit Recombinant  
Secondary antibody type:  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

## Background

RLBP1 (Retinaldehyde-binding protein 1) is also named as cellular retinaldehyde-binding protein (CRALBP). CRALBP, a 36-kDa aqueous soluble carrier, is expressed in abundance by both retinal pigment epithelial (RPE) and Muller cells of retina and is important for rod- and cone-driven vision. Retinal RLBP1 expression was decreased in diabetes, and its overexpression in Müller glia mitigated DR-associated neurovascular degeneration.

## Synonyms

Cellular retinaldehyde-binding protein, CRALBP, Retinaldehyde-binding protein 1

Selected Validation Data