

Datasheet for ABIN7434881  
**anti-CRY1 antibody (AA 3-132)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	CRY1
Binding Specificity:	AA 3-132
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRY1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Cryptochrome 1 (CRY1)
Immunogen:	Recombinant Cryptochrome 1 (CRY1) corresponding to Val3~Leu132 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CRY1. It has been selected for its ability to recognize CRY1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

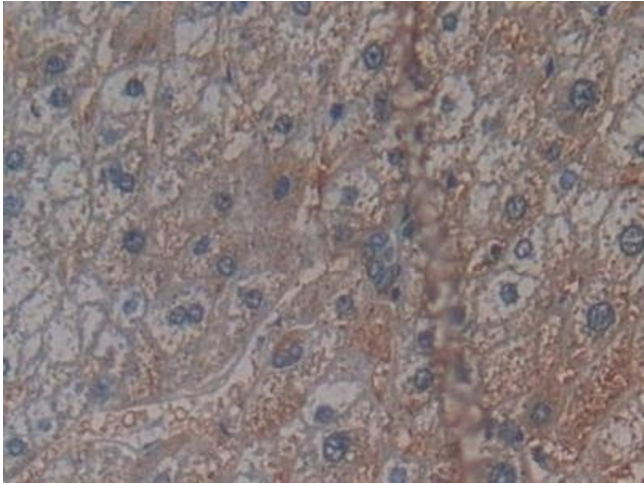
Target:	CRY1
Alternative Name:	Cryptochrome 1 ( <a href="#">CRY1 Products</a> )
Background:	PHLL1, Photolyase-like 1
Pathways:	<a href="#">Response to Water Deprivation</a> , <a href="#">Proton Transport</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:300-1200 Immunohistochemistry: 5-20 µg/mL 1:30-120 Immunocytochemistry: 5-20 µg/mL 1:30-120 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

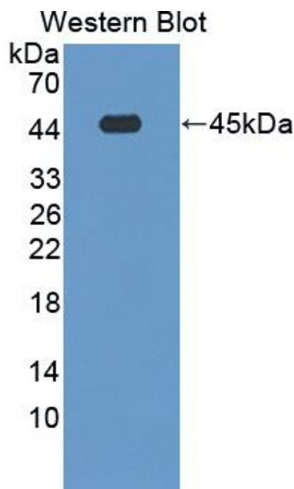
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



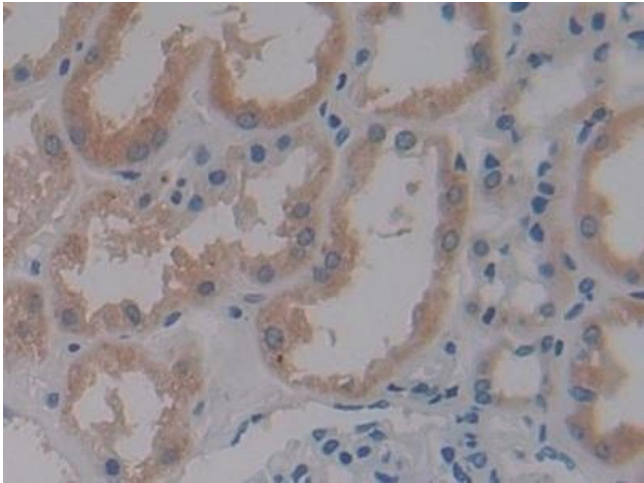
#### Immunohistochemistry

**Image 1.** Detection of CRY1 in Human Liver Tissue using Polyclonal Antibody to Cryptochrome 1 (CRY1)



#### Western Blotting

**Image 2.** Detection of Recombinant CRY1, Human using Polyclonal Antibody to Cryptochrome 1 (CRY1)



#### Immunohistochemistry

**Image 3.** Detection of CRY1 in Human Kidney Tissue using Polyclonal Antibody to Cryptochrome 1 (CRY1)