

Datasheet for ABIN392379  
**anti-CYP2R1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	CYP2R1
Binding Specificity:	AA 464-496, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This CYP2R1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 464-496 amino acids from the C-terminal region of human CYP2R1.
Clone:	RB17016
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	CYP2R1
Alternative Name:	CYP2R1 ( <a href="#">CYP2R1 Products</a> )
Background:	CYP2R1 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and

## Target Details

synthesis of cholesterol, steroids and other lipids. This enzyme is a microsomal vitamin D hydroxylase that converts vitamin D into the active ligand for the vitamin D receptor. A mutation in CYP2R1 gene has been associated with selective 25-hydroxyvitamin D deficiency.

Molecular Weight: 57359

Gene ID: 120227

NCBI Accession: [NP\\_078790](#)

UniProt: [Q6VVX0](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

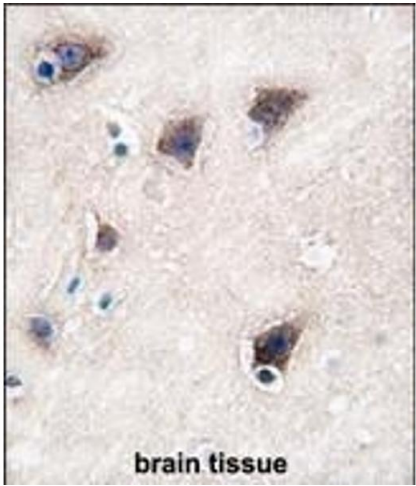
Preservative: Sodium azide

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

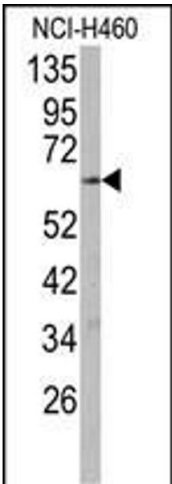
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human brain tissue reacted with CYP2R1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

**Image 2.** Western blot analysis of anti-CYP2R1 Antibody (C-term) (ABIN392379 and ABIN2842011) in NCI- cell line lysates (35 µg/lane). CYP2R1 (arrow) was detected using the purified Pab.