

Datasheet for ABIN7142186  
**anti-CYP7B1 antibody (AA 312-430)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	CYP7B1
Binding Specificity:	AA 312-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7B1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human 25-hydroxycholesterol 7-alpha-hydroxylase protein (312-430AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CYP7B1
Alternative Name:	CYP7B1 ( <a href="#">CYP7B1 Products</a> )
Background:	Background: Oxysterol 7alpha-hydroxylase that mediates formation of 7-alpha,25-dihydroxycholesterol (7-alpha,25-OHC) from 25-hydroxycholesterol (PubMed:10588945). Plays

## Target Details

a key role in cell positioning and movement in lymphoid tissues: 7-alpha,25-dihydroxycholesterol (7-alpha,25-OHC) acts as a ligand for the G protein-coupled receptor GPR183/EBI2, a chemotactic receptor for a number of lymphoid cells (By similarity).  
Aliases: 25 hydroxycholesterol 7 alpha hydroxylase antibody, 25-hydroxycholesterol 7-alpha-hydroxylase antibody, CP7B antibody, CP7B1\_HUMAN antibody, Cyp7b1 antibody, Cytochrome P450 7B1 antibody, Cytochrome P450 family 7 subfamily B polypeptide 1 antibody, Cytochrome P450 subfamily VIIB polypeptide 1 antibody, Oxysterol 7-alpha-hydroxylase antibody, Oxysterol 7alpha hydroxylase antibody

UniProt: [O75881](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Steroid Hormone Biosynthesis](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000,

Restrictions: For Research Use only

## Handling

Format: Liquid

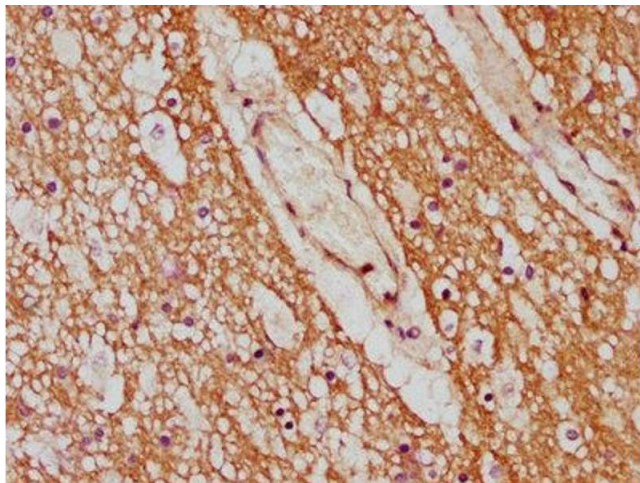
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7142186 diluted at 1:600 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.