

Datasheet for ABIN1534390
anti-CYP2R1 antibody (AA 251-300)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CYP2R1
Binding Specificity:	AA 251-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2R1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CYP2R1.
Isotype:	IgG
Specificity:	Cytochrome P450 2R1 Antibody detects endogenous levels of total Cytochrome P450 2R1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	CYP2R1
Alternative Name:	Cytochrome P450 2R1 (CYP2R1 Products)

Target Details

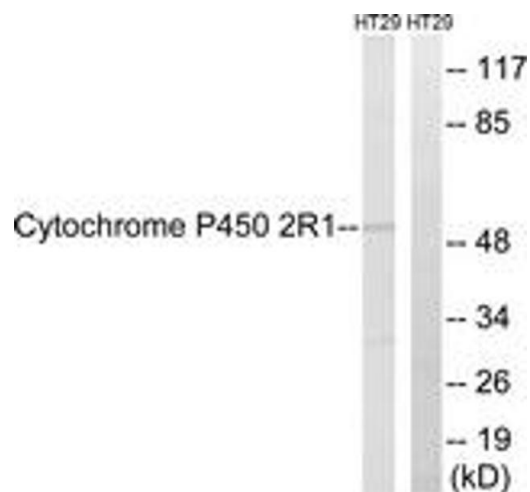
Background:	Synonyms: Cytochrome P450 2R1, Vitamin D 25-hydroxylase, CYP2R1, CP2R1 NCBI Gene Symbol: CYP2R1
Molecular Weight:	57 kDa
Gene ID:	120227
OMIM:	600081
UniProt:	Q6VWX0
Pathways:	Metabolism of Steroid Hormones and Vitamin D

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.371427 (NCBI Gene Symbol: CYP2R1)
Restrictions:	For Research Use only

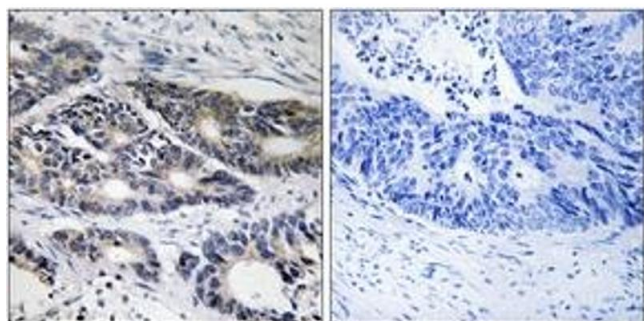
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HT29 cells, using Cytochrome P450 2R1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using Cytochrome P450 2R1 Antibody. The picture on the right is treated with the synthesized peptide.