

CYP2R1 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02413

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CYP2R1. AA range:251-300

Mol wt 57359

Species reactivity Human, Mouse, Monkey

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name CYP2R1 Antibody

Synonyms CYP2R1; Vitamin D 25-hydroxylase; Cytochrome P450 2R1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

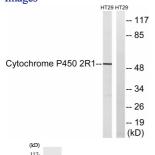
CYP2R1 encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme is a microsomal vitamin D hydroxylase that converts vitamin D into the active ligand for the vitamin D receptor. A mutation in this gene has been associated with selective 25-hydroxyvitamin D deficiency.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 40000

Not yet tested in other applications.

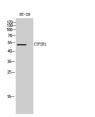
Images



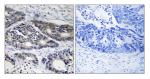
Cytochrome P450 2R1

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

Western blot analysis of the lysates from HT-29 cells using Cytochrome P450 2R1 antibody.







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

Storage

-20°C for one year

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