

CYP2B6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02399
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2B6. AA range:241-290
Mol wt	56278
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	CYP2B6 Antibody
Synonyms	CYP2B6; Cytochrome P450 2B6; 1; 4-cineole 2-exo-monooxygenase; CYP11B6; Cytochrome P450 I1B1

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

Background

This gene, CYP2B6, 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 protein localizes to the endoplasmic reticulum and its expression is induced by phenobarbital. The enzyme is known to metabolize some xenobiotics, such as the anti-cancer drugs cyclophosphamide and ifosfamide. Transcript variants for this gene have been described; however, it has not been resolved whether these transcripts are in fact produced by this gene or by a closely related pseudogene, CYP2B7. Both the gene and the pseudogene are located in the middle of a CYP2A pseudogene found in a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q.

Recommended Dilution

WB: 1: 500 - 1: 2000

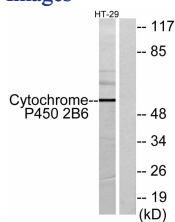
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

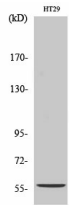
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HT-29 cells, using Cytochrome P450 2B6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CYP2B6 Polyclonal Antibody

Storage

-20°C for one year

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