

CYP1B1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02382
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human CYP1B1.
Mol wt	60846
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CYP1B1 Antibody
Synonyms	CYP1B1; Cytochrome P450 1B1; CYP1B1

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

Background

CYP1B1 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. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in CYP1B1 have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.

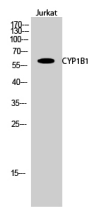
Recommended Dilution

WB: 1: 500 - 1: 2000

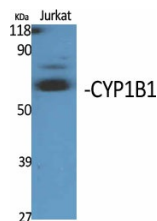
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western Blot analysis of Jurkat cells using CYP1B1 Polyclonal Antibody



Western Blot analysis of various cells using CYP1B1 Polyclonal Antibody

Storage

-20°C for one year

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