

## CYP2A6/7/13 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP02396
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human CYP2A6/7/13.
Mol wt	56702
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CYP2A6/7/13 Antibody
Synonyms	CYP2A6; CYP2A3; Cytochrome P450 2A6; 1,4-cineole 2-exo-monooxygenase; CYP11A6; Coumarin 7-hydroxylase; Cytochrome P450 IIA3; Cytochrome P450(I); CYP2A7; Cytochrome P450 2A7; CYP11A7; Cytochrome P450 I

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

### Background

CYP2A13 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. Although its endogenous substrate has not been determined, it is known to metabolize 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, a major nitrosamine specific to tobacco. This gene is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q.

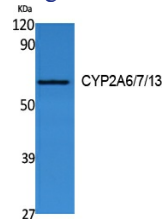
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western Blot analysis of extracts from Jurkat cells, using CYP2A6/7/13 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year