

# CYP2B6 Polyclonal Antibody

Cat No: HR1AP3210

For research use only

## Overview

Product Name	CYP2B6 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	56kDa
GeneID?Human?	CYP2B6
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CYP2B6; Cytochrome P450 2B6; 1; 4-cineole 2-exo-monooxygenase; CYPIIB6; Cytochrome P450 IIB1
Background	<p>cytochrome P450 family 2 subfamily B member 6(CYP2B6) Homo sapiens 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 ifosphamide. 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. [provided by RefSeq, Jul 2008],</p>