

OriGene Technologies, Inc.

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Product datasheet for TA360056

Cytochrome P450 2B6 (CYP2B6) Rabbit Polyclonal Antibody

Product data:

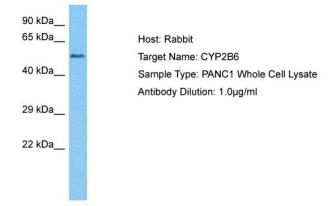
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
lmmunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CYP2B6
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	56 kDa
Gene Name:	cytochrome P450 family 2 subfamily B member 6
Database Link:	<u>NP_000758.1</u> <u>Entrez Gene 1555 Human</u> <u>P20813</u>



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	Cytochrome P450 2B6 (CYP2B6) Rabbit Polyclonal Antibody – TA360056
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 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.
Synonyms:	CPB6; CYP2B; CYPIIB6; IIB1; P450
Protein Families:	Druggable Genome, P450
Protein Pathway	s: Arachidonic acid metabolism, Drug metabolism - cytochrome P450, Metabolic pathways, Metabolism of xenobiotics by cytochrome P450, Retinol metabolism

Product images:



Host: Rabbit Target Name: CYP2B6 Sample Tissue: Human PANC1 Whole Cell Antibody Dilution: 1.0ug/ml

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