

CYP2A6/7/13 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A13296	Rabbit	1 mg/ml	56702
Applications	WB,ELISA		
Reactivity	Human		
Dilution	WB: 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	CYP2A6/7/13 Polyclonal Antibody detects endogenous levels of CYP2A6/7/13 protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Synthesized peptide derived from the Internal region of human CYP2A6/7/13.		
Uniprot No	P11509/P20853/Q16696		
Alternative names	CYP2A6; CYP2A3; Cytochrome P450 2A6; 1,4-cineole 2-exo-monooxygenase; CYP2A6; Coumarin 7-hydroxylase; Cytochrome P450 IIA3; Cytochrome P450(I); CYP2A7; Cytochrome P450 2A7; CYP2A7; Cytochrome P450 IIA4; CYP2A13; Cytochrome P450 2A13; CYP2A13		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	<p>cytochrome P450 family 2 subfamily A member 6(CYP2A6) Homo sapiens</p> <p>This gene, CYP2A6, 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 hydroxylate coumarin, and also metabolizes nicotine, aflatoxin B1, nitrosamines, and some pharmaceuticals. Individuals with certain allelic variants are said to have a poor metabolizer phenotype, meaning they do not efficiently metabolize coumarin or nicotine. This gene is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 10q. The gene was formerly referred to as CYP2A3; however, it has been renamed CYP2A6. [provided by RefSeq, Jul 2008],</p>		

Other

CYP2A6/CYP2A7/CYP2A13, Cytochrome P450 2A6/Cytochrome P450 2A7/Cytochrome P450 2A13

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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