

Cytochrome P450 2A7 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51145

Product Information

Application	WB, IHC-P
Primary Accession	P20853
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56425

Additional Information

Gene ID	1549
Other Names	Cytochrome P450 2A7, CYP1A7, Cytochrome P450 IIA4, CYP2A7
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Cytochrome P450 2A7. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CYP2A7
Function	Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.
Cellular Location	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein

Background

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.

References

Yamano S.,et al.Biochemistry 29:1322-1329(1990).

Fernandez-Salguero P.,et al.Am. J. Hum. Genet. 57:651-660(1995).

Grimwood J.,et al.Nature 428:529-535(2004).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.