

# Cytochrome P450 2A7 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51145

## Product Information

---

<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P20853</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	56425

## Additional Information

---

<b>Gene ID</b>	1549
<b>Other Names</b>	Cytochrome P450 2A7, CYP11A7, Cytochrome P450 IIA4, CYP2A7
<b>Dilution</b>	WB~~1:1000 IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

---

<b>Name</b>	CYP2A7
<b>Function</b>	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.
<b>Cellular Location</b>	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'.