

Cytochrome P450 2A7 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP51145

Specification

Cytochrome P450 2A7 Antibody - Product Information

Application WB, IHC-P, E

Primary Accession <u>P20853</u>

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 56 KDa

Cytochrome P450 2A7 Antibody - Additional Information

Gene ID 1549

Other Names

Cytochrome P450 2A7, CYPIIA7, 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 E~~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

Cytochrome P450 2A7 Antibody - 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



Cytochrome P450 2A7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Cytochrome P450 2A7 Antibody - Images

Cytochrome P450 2A7 Antibody - Background

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Cytochrome P450 2A7 Antibody - 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).