

**CYP2A6 Polyclonal Antibody**  
**Catalog # AP69387****Specification**

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**CYP2A6 Polyclonal Antibody - Product Information**

Application	WB, IF
Primary Accession	<a href="#">P11509</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**CYP2A6 Polyclonal Antibody - Additional Information****Gene ID** 1548**Other Names**

CYP2A6; CYP2A3; Cytochrome P450 2A6; 1; 4-cineole 2-exo-monooxygenase; CYP1IA6; Coumarin 7-hydroxylase; Cytochrome P450 IIA3; Cytochrome P450(I)

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IF~~1:50~200

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**CYP2A6 Polyclonal Antibody - Protein Information****Name** CYP2A6**Synonyms** CYP2A3**Function**

Exhibits a high coumarin 7-hydroxylase activity. Can act in the hydroxylation of the anti-cancer drugs cyclophosphamide and ifosfamide. Competent in the metabolic activation of aflatoxin B1. Constitutes the major nicotine C-oxidase. Acts as a 1,4-cineole 2-exo- monooxygenase. Possesses low phenacetin O-deethylation activity.

**Cellular Location**

Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein

**Tissue Location**

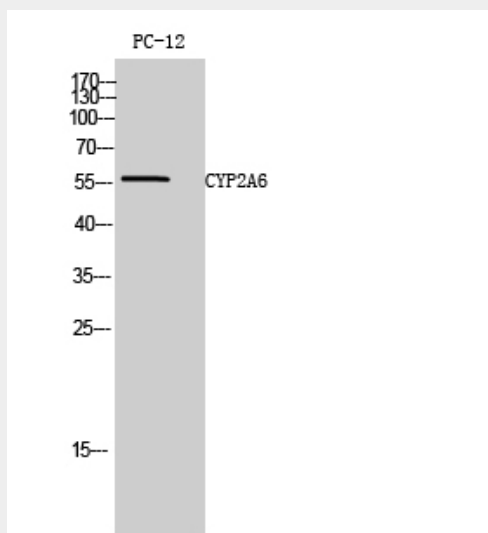
Liver.

## CYP2A6 Polyclonal Antibody - Protocols

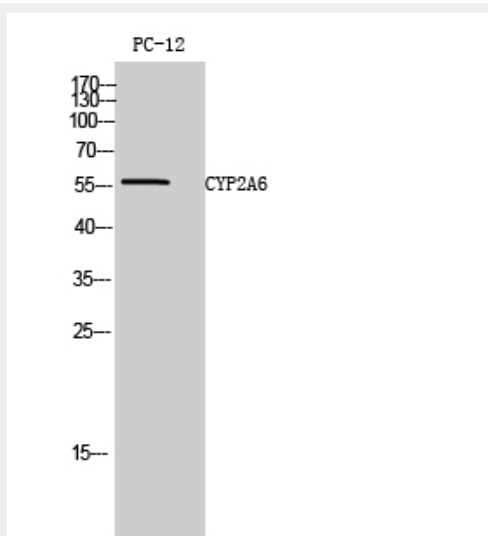
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CYP2A6 Polyclonal Antibody - Images



Western Blot analysis of PC-12 cells using CYP2A6 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of PC-12 cells using CYP2A6 Polyclonal Antibody diluted at 1:1000

## CYP2A6 Polyclonal Antibody - Background

Exhibits a high coumarin 7-hydroxylase activity. Can act in the hydroxylation of the anti-cancer drugs cyclophosphamide and ifosphamide. Competent in the metabolic activation of aflatoxin B1. Constitutes the major nicotine C-oxidase. Acts as a 1,4- cineole 2-exo-monooxygenase. Possesses low phenacetin O- deethylation activity.