

# CYP2A6 Polyclonal Antibody

Catalog # AP69387

#### **Product Information**

Application WB, IF
Primary Accession P11509
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 56517

#### **Additional Information**

**Gene ID** 1548

Other Names CYP2A6; CYP2A3; Cytochrome P450 2A6; 1; 4-cineole 2-exo-monooxygenase;

CYPIIA6; 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

#### **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 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.

**Cellular Location** Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome

membrane; Peripheral membrane protein

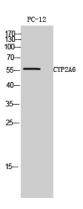
Tissue Location Liver.

## **Background**

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### **Images**



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

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