

Cytochrome P450 2A6 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50056**Specification**

Cytochrome P450 2A6 Antibody - Product Information

Application	WB
Primary Accession	P11509
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57 KDa
Antigen Region	15-43

Cytochrome P450 2A6 Antibody - Additional Information**Gene ID** 1548**Other Names**

Cytochrome P450 2A6, 11413-, 4-cineole 2-exo-monooxygenase, CYP1A6, Coumarin 7-hydroxylase, Cytochrome P450 IIA3, Cytochrome P450(I), CYP2A6, CYP2A3

Dilution

WB~~ 1:500-1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

Cytochrome P450 2A6 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

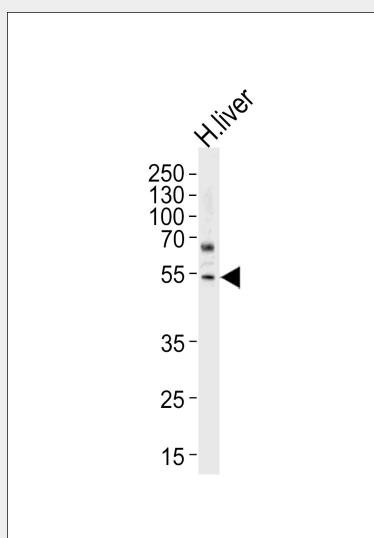
Tissue Location

Liver.

Cytochrome P450 2A6 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](#)

Cytochrome P450 2A6 Antibody - Images

Western blot analysis of lysates from H.liver cell line, using Cytochrome P450 2A6 Antibody (C12258). C12258 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg.

Cytochrome P450 2A6 Antibody - Background

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Cytochrome P450 2A6 Antibody - References

- Miles J.S., et al. Nucleic Acids Res. 17:2907-2917 (1989).
Yamano S., et al. Nucleic Acids Res. 17:4888-4888 (1989).
Yamano S., et al. Biochemistry 29:1322-1329 (1990).
Zhuge J., et al. Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45 (2004).