

Cytochrome P450 2A13 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51144**Specification**

Cytochrome P450 2A13 Antibody - Product Information

Application	WB, IP, ICC, IHC-P, E
Primary Accession	Q16696
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57 KDa

Cytochrome P450 2A13 Antibody - Additional Information**Gene ID** 1553**Other Names**

Cytochrome P450 2A13, CYP11A13, CYP2A13

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2A13. The exact sequence is proprietary.

Dilution

WB~~1:1000

IP~~N/A

ICC~~N/A

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 2A13 Antibody - Protein Information**Name** CYP2A13**Function**

Exhibits a coumarin 7-hydroxylase activity. Active in the metabolic activation of hexamethylphosphoramide, N,N-dimethylaniline, 2'-methoxyacetophenone, N-nitrosomethylphenylamine, and the tobacco-specific carcinogen, 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. Possesses phenacetin O-deethylation activity.

Cellular Location

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

Tissue Location

Expressed in liver and a number of extrahepatic tissues, including nasal mucosa, lung, trachea, brain, mammary gland, prostate, testis, and uterus, but not in heart, kidney, bone marrow, colon, small intestine, spleen, stomach, thymus, or skeletal muscle

Cytochrome P450 2A13 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 2A13 Antibody - Images**Cytochrome P450 2A13 Antibody - Background**

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Cytochrome P450 2A13 Antibody - References

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Su T., et al. Cancer Res. 60:5074-5079(2000).
Cauffiez C., et al. Biochem. Biophys. Res. Commun. 317:662-669(2004).
DeVore N.M., et al. Drug Metab. Dispos. 36:2582-2590(2008).
Sansen S., et al. Arch. Biochem. Biophys. 464:197-206(2007).