

Cytochrome P450 3A7 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51915-100 □

Specification

Cytochrome P450 3A7 Antibody - Product info

Application	WB
Primary Accession	P24462
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57 KDa

Cytochrome P450 3A7 Antibody - Additional info

Gene ID 100861540;1551

Other Names

Cytochrome P450 3A7, CYP3A7, CYP3A7, Cytochrome P450-HFLA, CYP3A7

Target/Specificity

KLH conjugated synthetic peptide derived from human Cytochrome P450 3A7

Dilution

WB~~ 1:2000

Format

0.01M PBS, pH 7.2, 0.1% Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Cytochrome P450 3A7 Antibody - Protein Information

Name CYP3A7 ([HGNC:2640](#))

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.

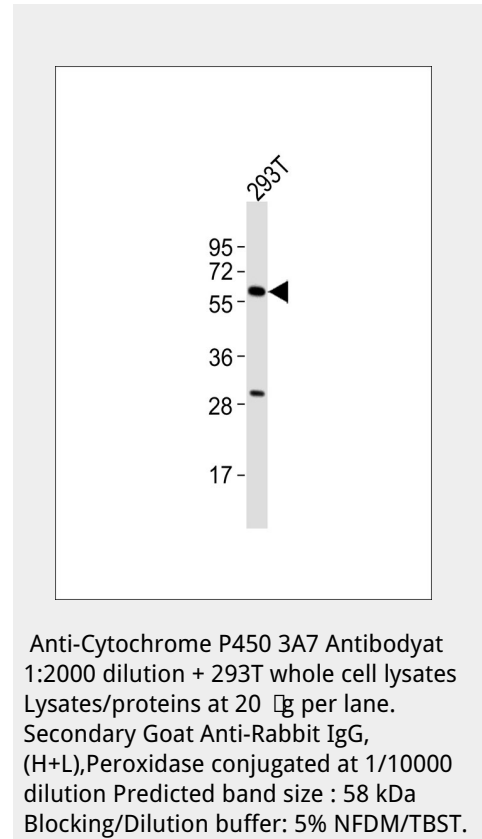
Cellular Location

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

Cytochrome P450 3A7 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 3A7 Antibody - Background

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.

Cytochrome P450 3A7 Antibody - References

Komori M., et al. *J. Biochem.* 105:161-163(1989). Gellner K., et al. *Pharmacogenetics* 11:111-121(2001). Scherer S.W., et al. *Science* 300:767-772(2003). Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Wrighton S.A., et al. *Arch. Biochem. Biophys.* 268:144-151(1989).