

**CYP20A1 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12634c**

**Specification**

---

**CYP20A1 Antibody (Center) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">Q6UW02</a>
Other Accession	<a href="#">NP_803882.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52432
Antigen Region	221-250

**CYP20A1 Antibody (Center) - Additional Information**

**Gene ID** 57404

**Other Names**

Cytochrome P450 20A1, 114--, CYP20A1

**Target/Specificity**

This CYP20A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-250 amino acids from the Central region of human CYP20A1.

**Dilution**

WB~~1:1000

FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CYP20A1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CYP20A1 Antibody (Center) - Protein Information**

**Name** CYP20A1

**Cellular Location**

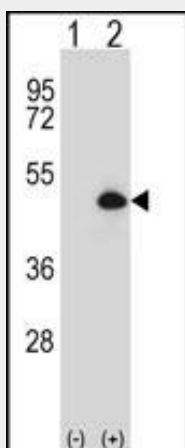
Membrane; Single-pass membrane protein

### CYP20A1 Antibody (Center) - Protocols

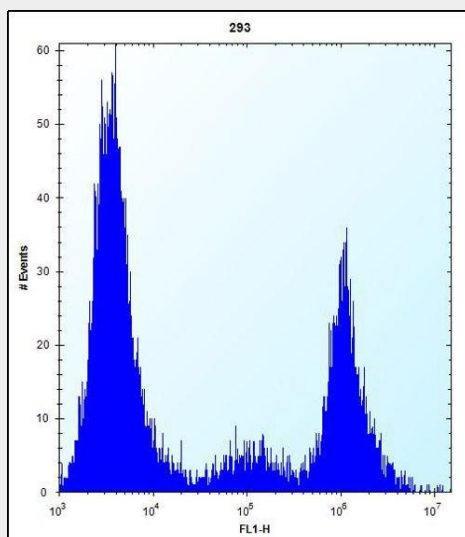
Provided below are standard protocols that you may find useful for product applications.

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

### CYP20A1 Antibody (Center) - Images



Western blot analysis of CYP20A1 (arrow) using rabbit polyclonal CYP20A1 Antibody (Center) (Cat. #AP12634c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CYP20A1 gene.



CYP20A1 Antibody (Center) (Cat. #AP12634c) flow cytometric analysis of 293 cells (right

histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **CYP20A1 Antibody (Center) - Background**

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein lacks one amino acid of the conserved heme binding site. It also lacks the conserved I-helix motif AGX(D,E)T, suggesting that its substrate may carry its own oxygen. [provided by RefSeq].

#### **CYP20A1 Antibody (Center) - References**

Ross, C.J., et al. Nat. Genet. 41(12):1345-1349(2009)  
Jiang, J.H., et al. Ai Zheng 23(6):672-677(2004)  
Nelson, D.R., et al. Pharmacogenetics 14(1):1-18(2004)  
Werck-Reichhart, D., et al. Genome Biol. 1 (6), REVIEWS3003 (2000) :  
Smith, G., et al. Xenobiotica 28(12):1129-1165(1998)