Datasheet for ABIN656565

anti-CYP20A1 antibody (AA 221-250)

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Overview

Quantity:	400 µL
Target:	CYP20A1
Binding Specificity:	AA 221-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP20A1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	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.
Clone:	RB16947
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CYP20A1
Alternative Name:	CYP20A1 (CYP20A1 Products)

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Target Details

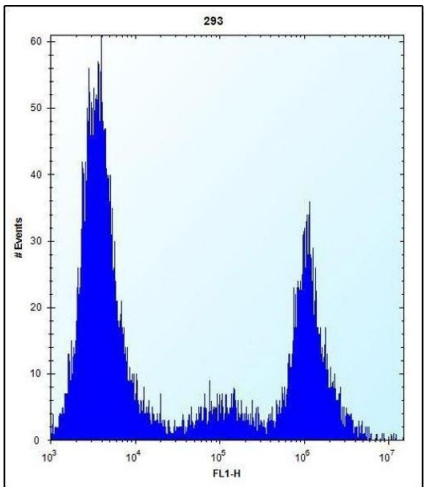
Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein lacks one amino acid of the conserved heme 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].
Molecular Weight:	52432
Gene ID:	57404
NCBI Accession:	NP_803882
UniProt:	Q6UW02

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

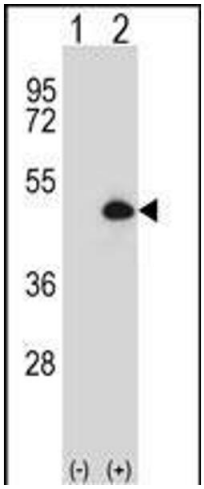
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	CYP20A1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Flow Cytometry

Image 1. CYP20A1 Antibody (Center) (ABIN656565 and ABIN2845825) 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.



Western Blotting

Image 2. Western blot analysis of CYP20A1 (arrow) using rabbit polyclonal CYP20A1 Antibody (Center) (ABIN656565 and ABIN2845825). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CYP20A1 gene.

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