

Datasheet for ABIN652819
anti-CYP51A1 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	CYP51A1
Binding Specificity:	AA 474-503, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP51A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CYP51A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 474-503 amino acids from the C-terminal region of human CYP51A1.
Clone:	RB17077
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CYP51A1
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Target Details

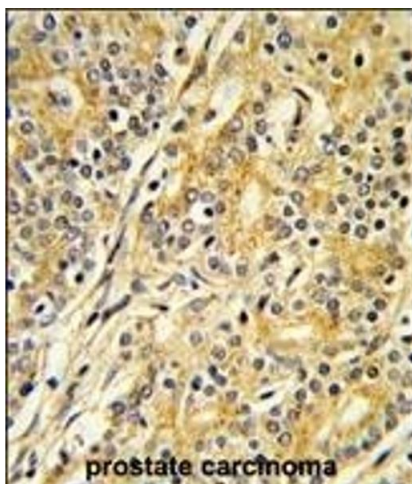
Alternative Name:	CYP51A1 (CYP51A1 Products)
Background:	CYP51A1 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This endoplasmic reticulum protein participates in the synthesis of cholesterol by catalyzing the removal of the 14alpha-methyl group from lanosterol.
Molecular Weight:	56806
Gene ID:	1595
NCBI Accession:	NP_000777 , NP_001139624
UniProt:	Q16850

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

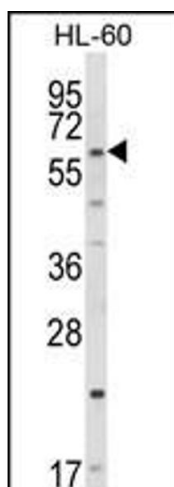
Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with CYP51A1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of CYP51A1 Antibody (C-term) (ABIN652819 and ABIN2842534) in HL-60 cell line lysates (35 µg/lane). CYP51A1 (arrow) was detected using the purified Pab.