

Datasheet for ABIN7307716

anti-CYP51A1 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CYP51A1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP51A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to Cytochrome P450 51A1
Immunogen:	Recombinant full length protein of human Cytochrome P450 51A1
Specificity:	Recognizes endogenous levels of Cytochrome P450 51A1 protein.
Characteristics:	Rabbit polyclonal antibody to Cytochrome P450 51A1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CYP51A1
Alternative Name:	Cytochrome P450 51A1 (CYP51A1 Products)
Background:	CYP51, Lanosterol 14-alpha demethylase, LDM, CYPLI, Cytochrome P450 51A1, Cytochrome

Target Details

	P450-14DM, Cytochrome P45014DM, Cytochrome P450LI, Sterol 14-alpha demethylase
Gene ID:	1595, 13121, 25427
UniProt:	Q16850 , Q8K0C4 , Q64654

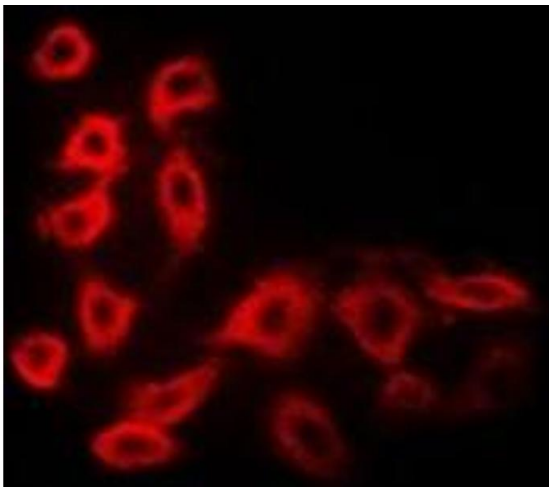
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:20 - 1:100)
Restrictions:	For Research Use only

Handling

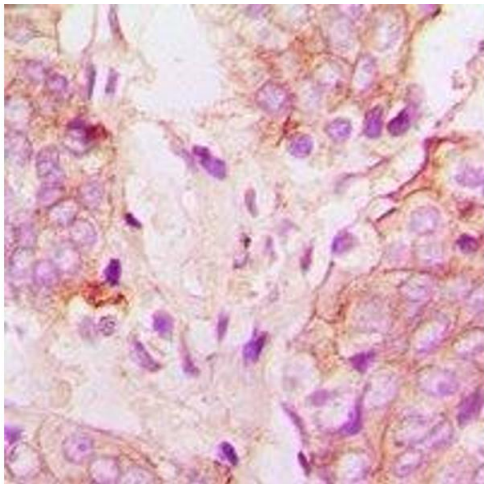
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



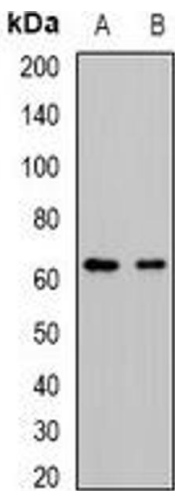
Immunofluorescence

Image 1. Immunofluorescent analysis of Cytochrome P450 51A1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the pr



Immunohistochemistry

Image 2. Immunohistochemical analysis of Cytochrome P450 51A1 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was



Western Blotting

Image 3. Western blot analysis of Cytochrome P450 51A1 expression in mouse kidney (A), rat liver (B) whole cell lysates.