

Datasheet for ABIN453603  
**anti-CYP3A5 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.4 mL
Target:	CYP3A5
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human CYP3A5
Specificity:	This antibody reacts to CYP3A5.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

## Target Details

Target:	CYP3A5
Alternative Name:	CYP3A5 ( <a href="#">CYP3A5 Products</a> )
Background:	<p>CYP3A5 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 protein localizes to the endoplasmic reticulum and its expression is induced by glucocorticoids and some pharmacological agents.</p> <p>The enzyme metabolizes drugs such as nifedipine and cyclosporine as well as the steroid</p>

## Target Details

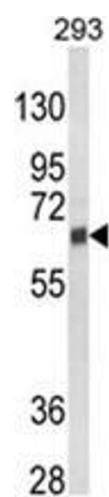
	hormones testosterone, progesterone and androstenedione. Background References:Synonyms: Cytochrome P450 3A5, Cytochrome P450 HLp2, Cytochrome P450-PCN3
Gene ID:	1577
NCBI Accession:	<a href="#">NP_000768</a>
UniProt:	<a href="#">P20815</a>
Pathways:	<a href="#">Steroid Hormone Biosynthesis</a>

## Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of CYP3A5 Antibody (Center) in 293 cell line lysates (35ug/lane). CYP3A5 (arrow) was detected using the purified Pab.