# antibodies -online.com







## anti-CYP3A7 antibody (Center)



**Image** 



#### Overview

Cross-Reactivity:

Characteristics:

Purification:

Cross-Reactivity (Details):

Monkey

Monkey (93 %)

CYP3A7 antibody [N3C3]

Purified by antigen-affinity chromatography.

Quantity:	100 μL
Target:	CYP3A7
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP3A7 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human CYP3A7.
	The exact sequence is proprietary.
Isotype:	IgG

Rabbit Polyclonal antibody to CYP3A7 (cytochrome P450, family 3, subfamily A, polypeptide 7)

## Target Details

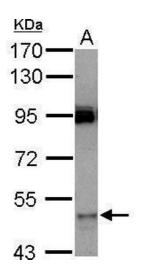
Target:	CYP3A7
Alternative Name:	CYP3A7 (CYP3A7 Products)
Background:	This gene, CYP3A7, encodes a member of the cytochrome P450 superfamily of enzymes. The
	cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in
	drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme
	hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the
	formation of estriol during pregnancy. The enzyme also metabolizes some drugs such as
	aflatoxin B1. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1.
	Transcript variants have been described, but it is not known whether these transcripts are
	normally produced.
	Cellular Localization: Endoplasmic reticulum membrane , Microsome membrane
Molecular Weight:	58 kDa
Gene ID:	1551
Pathways:	Steroid Hormone Biosynthesis
Application Details	
Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.
	*Optimal dilutions/concentrations should be determined by the researcher.Suggested
	dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: A549 , HeLa , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
Precaution of ose.	
Precaution of ose.	which should be handled by trained staff only.

## Handling

Storage Comment:

Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

### **Images**



#### **Western Blotting**

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: HeLa 7.5% SDS PAGE antibody diluted at 1:1000