

Datasheet for ABIN2776999

anti-CYP3A7 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CYP3A7
Binding Specificity:	Middle Region
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP3A7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CYP3A7
Sequence:	KLALVRVLQN FSKPCKETQ IPLKLRFGGL LLTEKPIVLK AESRDETMSG
Predicted Reactivity:	Horse: 86%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against CYP3A7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CYP3A7
Alternative Name:	CYP3A7 (CYP3A7 Products)

Target Details

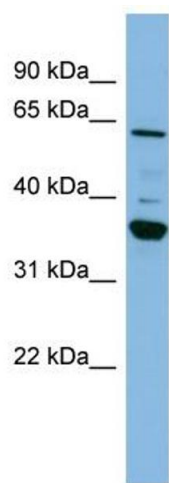
Background:	CYP3A7 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme hydroxylates t Alias Symbols: CP37, P450-HFLA, CYP11A7 Protein Size: 503
Molecular Weight:	57 kDa
Gene ID:	1551
NCBI Accession:	NM_000765 , NP_000756
UniProt:	P24462
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 503 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-CYP3A7 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HT1080 cell lysate