

# Datasheet for ABIN264501 anti-CYP3A7 antibody (C-Term)

# 1 Image



Go to Product page

_				
()	ve.	rv/	101	Λ

0.2 mg	
CYP3A7	
C-Term	
Human	
Mouse	
Monoclonal	
This CYP3A7 antibody is un-conjugated	
Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections)	
(IHC (fro))	
Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with	
asynthetic peptide derived from the Cterminus of the human CYP3A7 protein and	
mousemyeloma Ag8563 cells.	
F19 P2 H2	
lgG1	
IgG1 This antibody reacts to Cytochrome P450 3A7.	

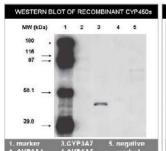
## **Target Details**

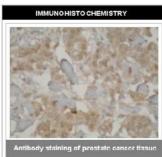
Target:	CYP3A7		
Alternative Name:	CYP3A7 (CYP3A7 Products)		
Background:	CYP3A genes encode monooxygenases, enzymes which catalyze drug metabolism and the		
	synthesis of cholesterol, steroids and other lipids. CYP3A (cytochrome P450, family 3,		
	subfamily A), the most abundant P450 enzyme in human liver, is responsible for the		
	metabolism of more than 50 % of all clinical drugs. CYP3A members localize in organs that		
	associate with drug disposition, including the liver, gastrointestinal tract and kidney. The CYP3A		
	cluster consists of four genes: CYP3A43, CYP3A4, CYP3A7 and CYP3A5, and two pseudogenes		
	CYP3A5P1 and CYP3A5P2. The CYP3A cluster maps to gene locus 7q21.3-q22.1.Synonyms:		
	CYPIIIA7, Cytochrome P450 3A7, Cytochrome P450-HFLA		
Gene ID:	1551		
UniProt:	P24462		
Pathways:	Steroid Hormone Biosynthesis		
Application Details			
Application Notes:	ELISA. Western Blot: 1 - 2 μg/mL. Immunohistochemistry on paraffin sections: 1 - 5 μg/mL.		
	When used in conjunction with CYP3A5, can differentiate between the CYP3A familymembers,		
	3A5 and 3A7.		
	Other applications not tested.		
	Optimal dilutions are dependent on conditions and should be determined by the user.		
Restrictions:	For Research Use only		
Handling			
Buffer:	Phosphate buffered saline with 0.08 % 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:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20 °C only. Avoid		
	repeated freezing and thawing.		
	Shelf life: one year from despatch.		

Expiry Date:

12 months

### **Images**





#### **Immunohistochemistry**

Image 1.