# antibodies -online.com







# anti-CYP1A1 antibody (AA 377-405)



**Images** 



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Quantity:	0.2 mL
Target:	CYP1A1
Binding Specificity:	AA 377-405
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP1A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

# **Product Details**

Immunogen:	A portion of amino acids 377-405 from the human protein was used as the immunogen for this CYP1A1 antibody.	
Isotype:	lg Fraction	
Cross-Reactivity (Details):	Expected species reactivity: Primate	
Purification:	Purified	

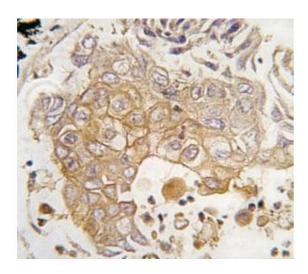
## **Target Details**

Target:	CYP1A1	
Alternative Name:	CYP1A1 (CYP1A1 Products)	
Background: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes		

#### **Target Details**

rarget Details		
	CYP1A1 is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. [UniProt]	
UniProt:	P04798	
Pathways:	Steroid Hormone Biosynthesis, Regulation of Lipid Metabolism by PPARalpha	
Application Details		
Application Notes:	Titration of the CYP1A1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	Aliquot the CYP1A1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw	

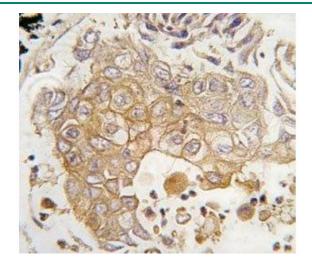
#### **Images**



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#### **Immunohistochemistry**

**Image 1.** IHC analysis of FFPE human lung carcinoma tissue stained with CYP1A1 antibody



#### **Immunohistochemistry**

**Image 2.** IHC analysis of FFPE human lung carcinoma tissue stained with CYP1A1 antibody

## **Western Blotting**

**Image 3.** Western blot analysis of CYP1A1 antibody and K562 lysate. Predicted molecular weight ~58 kDa.

Please check the product details page for more images. Overall 5 images are available for ABIN3030670.