# antibodies -online.com





Datasheet for ABIN7444709

## anti-CYP17A1 antibody (AA 183-508)





Go to Product page

$\sim$			
	N/6	1//r	$I \cap V$

Quantity:	100 μL	
Target:	CYP17A1	
Binding Specificity:	AA 183-508	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CYP17A1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))	

#### **Product Details**

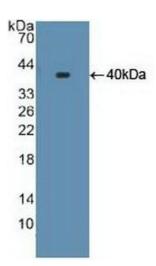
Target:

Purpose:	Polyclonal Antibody to Cytochrome P450 17A1 (CYP17A1)	
Immunogen:	Recombinant Cytochrome P450 17A1 (CYP17A1) corresdonding to Cys183~Thr508	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP17A1. It has been selected for its ability to recognize CYP17A1 in immunohistochemical staining and western blotting.	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	
Target Details		

CYP17A1

### **Target Details**

rarget Details		
Alternative Name:	Cytochrome P450 17A1 (CYP17A1 Products)	
Background:	S17aH, CPT7, P450C17, 17-Alpha-Hydroxylase, 17-alpha-hydroxyprogesterone aldolase/17,20- Lyase, Steroid 17-alpha-monooxygenase, Cytochrome P450,Family 17,Subfamily A,Polypeptide	
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis, Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, C21-Steroid Hormone Metabolic Process, Cellular Response to Molecule of Bacterial Origin	
Application Details		
Application Notes:	Western blotting: 1-5 $\mu$ g/mL Immunocytochemistry in formalin fixed cells: 5-20 $\mu$ g/mL Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu$ g/mL Immunohistochemistry in paraffin section: 5-20 $\mu$ g/mL Enzyme-linked Immunosorbent Assay: 0.05-2 $\mu$ g/mL Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	



#### **Western Blotting**

**Image 1.** Detection of Recombinant S17aH, Human using Polyclonal Antibody to Cytochrome P450 17A1 (CYP17A1)