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Datasheet for ABIN7444547

anti-CYP17A1 antibody (AA 201-507)

3 Images

Overview

Quantity:	100 µL
Target:	CYP17A1
Binding Specificity:	AA 201-507
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP17A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 17A1 (CYP17A1)
Immunogen:	Recombinant Cytochrome P450 17A1 (CYP17A1) corresponding to Thr201~Thr507
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.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

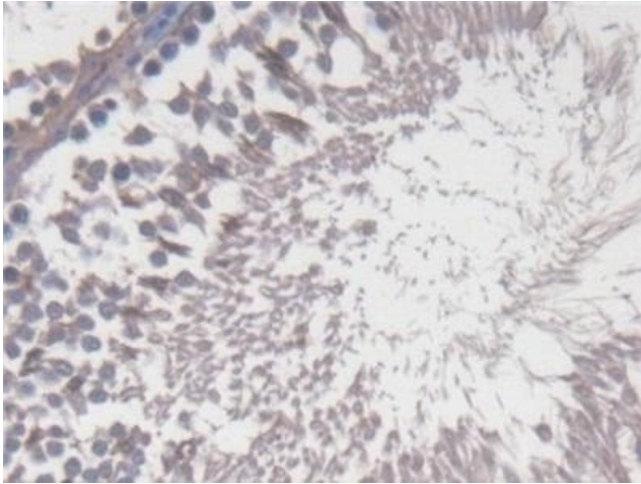
Target:	CYP17A1
Alternative Name:	Cytochrome P450 17A1 (CYP17A1 Products)
Background:	S17aH, CPT7, P450C17, 17-Alpha-Hydroxylase, 17-alpha-hydroxyprogesterone aldolase/17,20-Lyase, Steroid 17-alpha-monooxygenase, Cytochrome P450,Family 17,Subfamily A,Polypeptide 1
Pathways:	Metabolism of Steroid Hormones 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: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/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

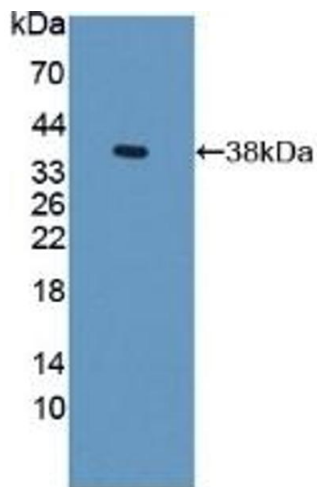
Handling

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



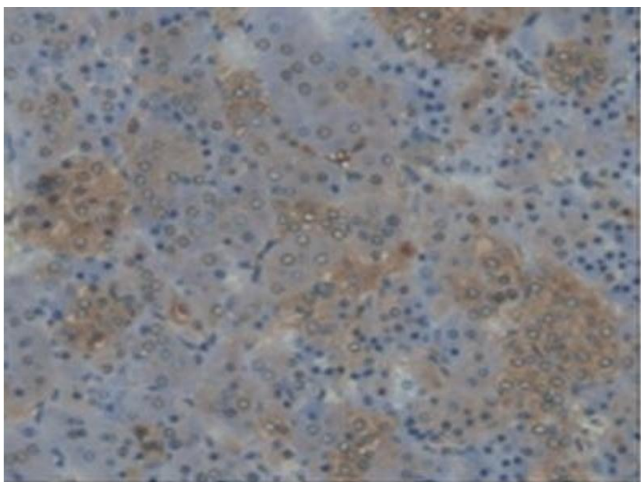
Immunohistochemistry

Image 1. Detection of CYP17A1 in Rat Testis Tissue using Polyclonal Antibody to Cytochrome P450 17A1 (CYP17A1)



Western Blotting

Image 2. Detection of Recombinant S17aH, Rat using Polyclonal Antibody to Cytochrome P450 17A1 (CYP17A1)



Immunohistochemistry

Image 3. Detection of CYP17A1 in Rat Adrenal gland Tissue using Polyclonal Antibody to Cytochrome P450 17A1 (CYP17A1)