

Datasheet for ABIN720073

anti-CYP17A1 antibody (AA 24-65) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CYP17A1
Binding Specificity:	AA 24-65
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP17A1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cytochrome P450 17A1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CYP17A1
Alternative Name:	Cytochrome P450 17a1 (CYP17A1 Products)
Background:	Synonyms: CPT7, CYP17, S17AH, P450C17, Steroid 17-alpha-hydroxylase/17,20 lyase, 17-

Target Details

alpha-hydroxyprogesterone aldolase, CYPXVII, Cytochrome P450 17A1, Cytochrome P450-C17, Cytochrome P450c17, Steroid 17-alpha-monooxygenase, CYP17A1

Background: Conversion of pregnenolone and progesterone to their 17-alpha-hydroxylated products and subsequently to dehydroepiandrosterone (DHEA) and androstenedione. Catalyzes both the 17-alpha-hydroxylation and the 17,20-lyase reaction. Involved in sexual development during fetal life and at puberty.

Gene ID:	1586
UniProt:	P05093
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:	WB 1:300-5000 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months