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anti-CYP17A1 antibody (AA 24-508)





Go to Product page

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Quantity:	100 μg
Target:	CYP17A1
Binding Specificity:	AA 24-508
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP17A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Steroid 17-alpha-hydroxylase/17,20 lyase protein (24-508AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CYP17A1
Alternative Name:	CYP17A1 (CYP17A1 Products)
Background:	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-lyas	e reaction. Involved in sexual development
during fetal life and at puberty.	

Aliases: 20 Iyase antibody, CP17A_HUMAN antibody, CPT7 antibody, CYP17 antibody, CYP17A1 antibody, CYPXVII antibody, Cytochrome P450 17A1 antibody, Cytochrome P450 family 17 antibody, Cytochrome P450 family 17 subfamily A polypeptide 1 antibody, Cytochrome p450 subfamily XVII (steroid 17 alpha hydroxylase) adrenal hyperplasia antibody, Cytochrome p450 XVIIA1 antibody, Cytochrome P450-C17 antibody, Cytochrome P450c17 antibody, OTTHUMP00000020382 antibody, P450 C17 antibody, P450c17 antibody, S17AH antibody, Steroid 17 alpha hydroxylase/17,20 lyase antibody, Steroid 17 alpha monooxygenase antibody, Steroid 17-alpha-hydroxylase/17 antibody, Steroid 17-alpha-monooxygenase antibody

UniProt:

P05093

Pathways:

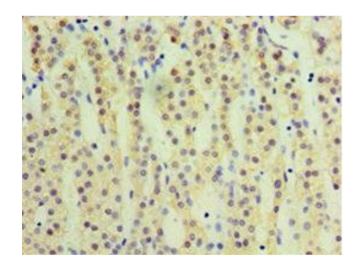
Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis, Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, C21-Steroid Hormone Metabolic Process, Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

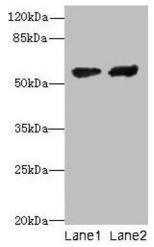
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



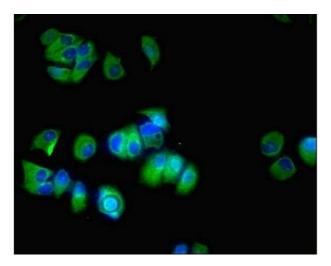
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7170753 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: CYP17A1 antibody at 12 μ g/mL Lane 1: Hela whole cell lysate Lane 2: A549 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 58 kDa Observed band size: 58 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of MCF-7 cells using ABIN7170753 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)