

Datasheet for ABIN7170756
anti-CYP17A1 antibody (AA 24-508) (HRP)



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Overview

Quantity:	100 µg
Target:	CYP17A1
Binding Specificity:	AA 24-508
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP17A1 antibody is conjugated to HRP
Application:	ELISA

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

Target Details

both the 17-alpha-hydroxylation and the 17,20-lyase reaction. Involved in sexual development during fetal life and at puberty.

Aliases: 20 lyase 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: Optimal working dilution should be determined by the investigator.

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.