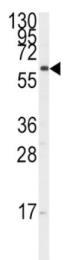
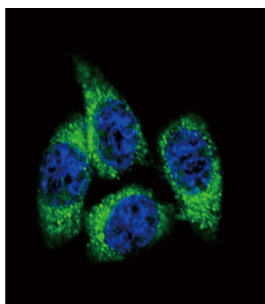


Steroid 17-Alpha-Hydroxylase/17,20 Lyase (CYP17A1) Antibody

Catalogue No.: abx033739



CYP17A1 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum. It has both 17 α -hydroxylase and 17, 20-lyase activities and is a key enzyme in the steroidogenic pathway that produces progestins, mineralocorticoids, glucocorticoids, androgens, and estrogens. Mutations in CYP17A1 gene are associated with isolated steroid-17 α -hydroxylase deficiency, 17- α -hydroxylase/17, 20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia.

Target:	Steroid 17-Alpha-Hydroxylase/17,20 Lyase (CYP17A1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IF/ICC: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 358-388 amino acids from the Central region of human CYP17A1.
Isotype:	IgG

Datasheet

Version: 2.0.0
Revision date: 18 Mar 2025



Form:	Liquid
Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P05093 (UniProt , ExpASy)
NCBI Accession:	NP_000093.1
KEGG:	hsa:1586
String:	9606.ENSP00000358903
Molecular Weight:	Calculated MW: 57.4 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Monkey CYP17A1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only