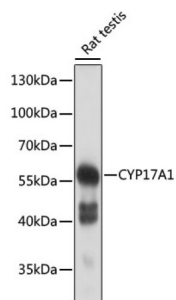


Steroid 17-Alpha-Hydroxylase/17,20 Lyase (CYP17A1) Antibody

Catalogue No.: abx001208



Western blot analysis of extracts of rat testis using CYP17A1 Antibody (1/500 dilution).

CYP17A1 Antibody is a Rabbit Polyclonal antibody against CYP17A1. This gene encodes 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 this gene are associated with isolated steroid-17 α -hydroxylase deficiency, 17- α -hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia. [provided by RefSeq, Jul 2008].

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

Clonality: Polyclonal

Reactivity: Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human CYP17A1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P05093 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 5.0.0
Revision date: 18 Mar 2025



Gene Symbol: CYP17A1

GeneID: [1586](#)

NCBI Accession: NP_000093.1

KEGG: hsa:1586

String: [9606.ENSP00000358903](#)

Molecular Weight: Calculated MW: 57 kDa
Observed MW: 57 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

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