

## Cytochrome P450 17A1 Rabbit pAb

db5021

Package : 20μL 50μL 100μL

**Product Name** : Cytochrome P450 17A1 Rabbit pAb**Cat.No.:** db5021**Synonyms** : CPT7; CYP17; S17AH; P450C17**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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 17alpha-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 alpha-hydroxylase deficiency, 17-alpha-hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Cytochrome P450 17A1

**Gene ID**

1586

**Swiss Prot**

P05093

**Synonyms**

CPT7; CYP17; S17AH; P450C17

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC: 1:20

ICC/IF: 1:20

FC: 1:20

IP: 1:20

**Calculated MW**

57 kDa

**Observed MW**

55 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.