

# CYP19A1 Rabbit Polyclonal Antibody



CAB12709

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

Refer to Figures

**Calculated MW:**

24kDa/57kDa

**Applications:**

IHC

**Reactivity:**

Human

## Antibody Information

**Recommended dilutions:**

IHC 1:50 - 1:200

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

## Protein 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 and catalyzes the last steps of estrogen biosynthesis. Mutations in this gene can result in either increased or decreased aromatase activity; the associated phenotypes suggest that estrogen functions both as a sex steroid hormone and in growth or differentiation. Alternative promoter use and alternative splicing results in multiple transcript variants that have different tissue specificities.

## Immunogen information

**Gene ID:**

1588

**Uniprot**

P11511

**Synonyms:**

CYP19A1; ARO; ARO1; CPV1; CYAR; CYP19; CYPXIX; P-450AROM; aromatase; Aromatase

**Immunogen:**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human CYP19A1 (NP\_000094.2).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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