CYP17A1 Rabbit Polyclonal Antibody

CAB13968

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

57kDa

Calculated MW:

57kDa

Applications:

WB IHC IF

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 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. 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.

Immunogen information

Gene ID:
1586

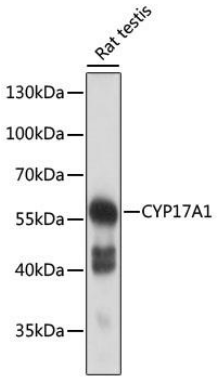
Uniprot
P05093

Synonyms:
CYP17A1; CPT7; CYP17; P450C17; S17AH; 20 lyase

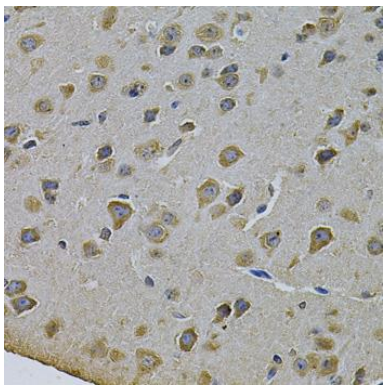
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 209-508 of human CYP17A1 (NP_000093.1).

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

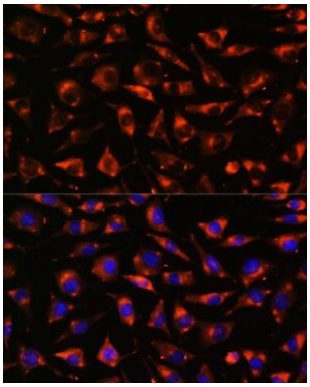
Product Images



Western blot analysis of extracts of rat testis, using CYP17A1 antibody (CAB13968) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat brain using CYP17A1 Antibody (CAB13968) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using CYP17A1 antibody (CAB13968) at dilution of 1:100. Blue: DAPI for nuclear staining.

