

Aromatase Rabbit Polyclonal Antibody



CAB2161

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

53kDa

Calculated MW:

24kDa/57kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 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

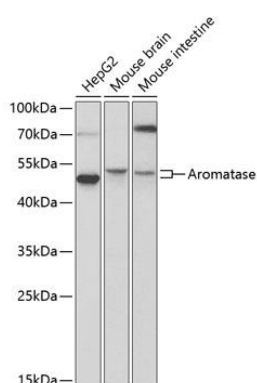
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 234-503 of human Aromatase (NP_000094.2).

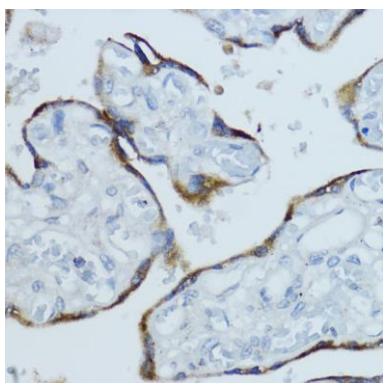
Storage:

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

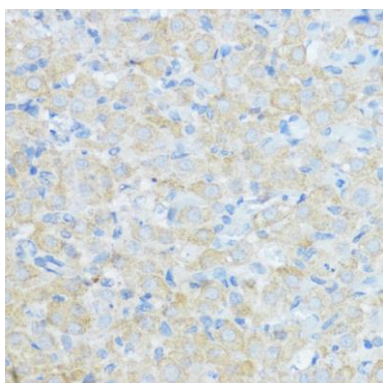
Product Images



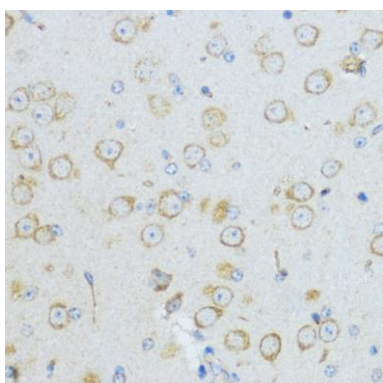
Western blot analysis of extracts of various cell lines, using Aromatase antibody (CAB2161) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human placenta using Aromatase antibody (CAB2161) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat ovary using Aromatase antibody (CAB2161) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using Aromatase antibody (CAB2161) at dilution of 1:100 (40x lens).