

CYP19A1

Reactivity:Human Mouse Rat

Tested applications:WB IHC IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:100

Calculated MW:58kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human CYP19A1

Storage Buffer:

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

Synonym:

ARO; ARO1; CPV1; CYAR; CYP19; MGC104309; P-450AROM

Background:

CYP19A1(Cytochrome P450 19A1) is also named as ARO1(aromatase), CYAR, CYP19, estrogen synthase and belongs to the cytochrome P450 family. It is a terminal enzyme which transforms irreversibly androgens into estrogens and it is present in the endoplasmic reticulum of numerous tissues(PMID:16406261). The gene encodes a protein with the molecular weight between 46 kDa and 69 kDa(PMID:8129748) and the protein can be glycosylated, but the level of glycosylation does not seem to be essential for CYP19A1 activity(PMID:12606587). Brain aromatase may be neuroprotective by increasing the local estrogen levels in injured neurons so that genetic variation in the brain aromatase gene may modify the risk for AD(PMID:16767510). This antibody is specific to CYP19A1.

To place an order, please [Click HERE](#).

Catalog #:A2161

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1588

Isotype:IgG

Swiss Prot:P11511

Purity:Affinity purification

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