

CAB12238

Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| Product SKU: | CAB12238 | Gene ID: | 1588 | Size: | 20uL, 100uL |
| Clone No: | ARC0635 | Host Species: | Rabbit | Reactivity: | Human |

Additional Information

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|-----------------------|-------|-------------------|--------------|
| Observed MW: | 58kDa | Conjugate: | Unconjugated |
| Calculated MW: | 58kDa | Isotype: | IgG |

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

Synonyms: ARO; ARO1; CPV1; CYAR; CYP19; CYPXIX; P-450AROM; Aromatase (CYP19A1)

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Aromatase (CYP19A1) (P11511).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.