

Aromatase Antibody

Subcategory: Mouse Polyclonal Antibody

Cat. No.: 250549

Unit: 0.1 mg

Description:

Aromatase (cytochrome P450 19A1) catalyzes the formation of aromatic C18 estrogens from C19 androgens. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This aromatase localizes to the endoplasmic reticulum and catalyzes the last steps of estrogen biosynthesis, three successive hydroxylations of the A ring of androgens.

Isotype: Mouse Ig

Applications: E, IHC, WB

Species Reactivity: B, Ck, D, Gt, GP, Hm, Hs, H, Mk, M, P, Rb, R, Sh, X

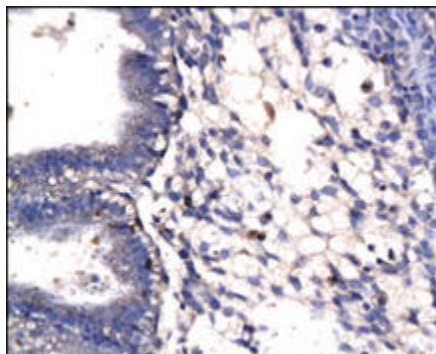
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Cytochrome P450 19A1; CYPXIX; Aromatase; Estrogen synthetase; P-450AROM; CYP19A1; ARO1; CYAR; CYP19

Accession No.: P11511

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Aromatase.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500



Aromatase staining in human uterus. Paraffin-embedded human uterus is stained with Aromatase Antibody (Cat. No. 250549) used at 1:400 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.