



EB08329 - Goat Anti-Aromatase / CYP19A1 Antibody

Size: 100µg specific antibody in 200µl



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Research Use Only. Not for diagnostic or therapeutic use.

Target Protein

Principal Names: CYP19A1 antibody, cytochrome P450, family 19, subfamily A, polypeptide 1 antibody, ARO antibody, ARO1 antibody, CPV1 antibody, CYAR antibody, CYP19 antibody, MGC104309 antibody, P-450AROM antibody, aromataseN: cytochrome P450, family 19 antibody, cytochrome P450, subfamily XIX (aromatization of androgens) antibody, estrogen synthetase antibody, flavoprotein-linked monooxygenase antibody, microsomal monooxygenase antibody

Official Symbol: CYP19A1

Accession Number(s): NP_000094.2; NP_112503.1

Human GeneID(s): [1588](#)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_000094.2 and NP_112503.1), which are identical

Immunogen

Peptide with sequence C-HDLSLHPDETKN, from the internal region of the protein sequence according to NP_000094.2; NP_112503.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 50-55kDa band observed in Human Placenta lysates (calculated MW of 57.9kDa according to NP_000094.2 and NP_112503.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB08329 (0.1µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.