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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07219 - Goat Anti-CYP17A1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CYP17A1, cytochrome P450, family 17, subfamily A, polypeptide 1, HGNC:2593, CPT7, CYP17, P450C17, S17AH, cytochrome P450, family 17, cytochrome P450, subfamily XVII (steroid 17-alpha-hydroxylase), adrenal hyperplasia, cytochrome p450 XVIIA1, steroid 17-alpha-hydroxylase/17,20 lyase, steroid 17-alpha-monooxygenase

Official Symbol: CYP17A1

Accession Number(s): NP_000093.1

Human GeneID(s): [1586](#)

Immunogen

Peptide with sequence C-LFKDGDQKLEK, from the internal region of the protein sequence according to NP_000093.1.

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 1:64000.

Western blot: Approx 60kDa band observed in Human Ovary lysates (calculated MW of 57.4kDa according to NP_000093.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: In paraffin embedded Human Adrenal Gland shows strong granular staining of the cytoplasm in medulla cells. Recommended concentration: 3-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cat, Dog

EB07219 (0.3µg/ml) staining of Human Ovary lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07219 (3.8µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.