

## Goat anti-CYP17A1 Antibody

<b>Item Number</b>	dAP-0824
<b>Target Molecule</b>	Principle Name: CYP17A1; Official Symbol: CYP17A1; All Names and Symbols: 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-a; Accession Number (s): NP_000093.1; Human Gene ID(s): 1586; Non-Human GeneID(s):
<b>Immunogen</b>	LFKDGDKLEK, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Adenal Gland shows strong granular staining of the cytoplasm in medulla cells. Recommended concentration: 3-5µg/ml.
<b>Reference</b>	Reference(s): Ohnishi T, Ogawa Y, Saibara T, Nishioka A, Kariya S, Fukumoto M, Onishi S, Yoshida S. CYP17 polymorphism as a risk factor of tamoxifen-induced hepatic steatosis in breast cancer patients. Oncol Rep. 2005 Mar;13(3):485-9. .PMID: 15706422 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**