

## Goat anti-Aromatase / CYP19A1 Antibody

<b>Item Number</b>	dAP-1339
<b>Target Molecule</b>	Principle Name: Aromatase / CYP19A1; Official Symbol: CYP19A1 ; All Names and Symbols: CYP19A1; cytochrome P450, family 19, subfamily A, polypeptide 1 ; ARO; ARO1; CPV1; CYAR; CYP19; MGC104309; P-450AROM; aromataseN: cytochrome P450, family 19; cytochrome P450, subfamily XIX (aromatization of androgens); estrogen synthetase; flavoprotein-li; Accession Number (s): NP_000094.2; NP_112503.1; Human Gene ID(s): 1588; Non-Human GeneID(s):
<b>Immunogen</b>	HDLSLHPDETKN, is from internal region This antibody is expected to recognise both reported isoforms (NP_000094.2 and NP_112503.1), which are identical
<b>Applications</b>	Pep ELISA, WB  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 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Van Poznak CH, Hayes DF. Aromatase inhibitors for the treatment of breast cancer: is tamoxifen of historical interest only? J Natl Cancer Inst. 2006 Sep 20;98(18):1261-3. No abstract available..PMID: 16985239 ->

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**