



Aromatase Antibody

CATALOG NUMBER: 45-289



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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	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: 0.1-0.3ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1309 - Human Placenta Lysate
SPECIFICITY:	This antibody is expected to recognise both reported isoforms (NP_000094.2 and NP_112503.1), which are identical
IMMUNOGEN:	Aromatase antibody was raised against a 12 amino acid synthetic peptide near the internal region of Aromatase.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Aromatase antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Aromatase antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CYP19A1, cytochrome P450, family 19, subfamily A, polypeptide 1, ARO, ARO1, CPV1, CYAR, CYP19, MGC104309, P-450AROM, aromataseN: cytochrome P450, subfamily XIX (aromatization of androgens), estrogen synthetase, flavoprotein-linked monooxygenase, microsomal monooxygenase
ACCESSION NO.:	NP_000094.2, NP_112503.1

PROTEIN GI NO.: 13904858

OFFICIAL SYMBOL: CYP19A1

GENE ID: 1588

Background

REFERENCES: 1) 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.

FOR RESEARCH USE ONLY

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