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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP19A1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001588-D01P

規格 : [100 ug]

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Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human CYP19A1 protein.

Immunogen: CYP19A1 (AAH35959.1, 1 a.a. ~ 503 a.a) full-length human protein.

Sequence:
 MVLEMLNPIHYNITSIVPEAMPAATMPVLLL TGLFLLVWNYEGTSSIPGPG
 YCMGIGPLISHGRFLWMGIGSACNYNRVYGEFMRVWISGEETLIISKSSS
 MFHIMKHNYSSRF GSKLGLQCIGMHEKGIIFNNPELWKTRPFFMKAL
 SGPGLVRMVTVCAESLKTHLDRLEEVTNESGYVDVLTLLRRVMLDT SNT
 LFLRISLDESIVVKIQGYFDAWQALLIKPDIFFKISWL YKYEKSVKDLKDA
 IEVLIAEKRRRISTEEKLEECMDFATELILAEKRGDLTRENVNQCILEMLIAA
 PDTMSVSLFFMLFLIAKHPNVEEAIIKEIQT VIGERDIKIDDIQKLKVMENFIYE
 SMRYQPVVDLVMRKALEDDVIDGYPVKKGTN IILNIGRMHRLEFFPKPNEF
 TLENFAKNVPYRYFQPF GF GPRGCAGKYIAMVMMKAILVTLRRFHVKTL
 QGQCVESIQKIHDLSLHPDETKNMLEMIFT PRNSDRCLEH

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

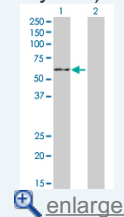
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

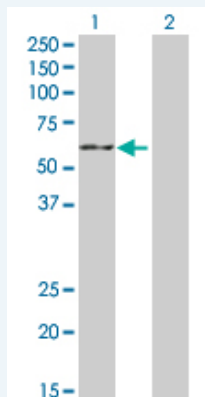
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of CYP19A1 expression in transfected 293T cell line ([H00001588-T02](#)) by CYP19A1 MaxPab polyclonal antibody.

Lane 1: CYP19A1 transfected lysate(57.90 KDa).
 Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [1588](#)

GeneBank Accession#: [BC035959.1](#)

Protein Accession#: [AAH35959.1](#)

Gene Name: CYP19A1

Gene Alias: ARO,ARO1,CPV1,CYAR,CYP19,MGC104309,P-450AROM

Gene Description: cytochrome P450, family 19, subfamily A, polypeptide 1

Omim ID: [107910](#), [139300](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and catalyzes the last steps of estrogen biosynthesis, three successive hydroxylations of the A ring of androgens. Mutations in this gene can result in either increased or decreased aromatase activity; the associated phenotypes suggest that estrogen functions both as a sex steroid hormone and in growth or differentiation. The gene expresses two transcript variants. [provided by RefSeq]

Other Designations: OTTHUMP00000162543,aromatase,cytochrome P450, family 19,cytochrome P450, subfamily XIX (aromatization of androgens),estrogen synthetase,flavoprotein-linked monooxygenase,microsomal monooxygenase

Gene Pathway

[Androgen and estrogen metabolism](#) [Metabolic pathways](#)

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