

Rabbit CYP19A1 Antibody | anti-CYP19A1 antibody

CYP19A1 Antibody

CATALOG # AAA266676	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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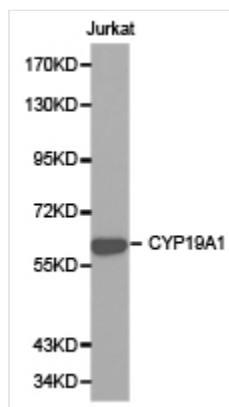
PRODUCT SYNONYMS

CYP19A1; CYP19A1 Antibody; ARO; ARO1; CPV1; CYAR; CYP19; MGC104309; P-450AROM; anti-CYP19A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	503
Applicable Applications for anti-CYP19A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CYP19A1
Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C or -80°C. Avoid freeze/thaw cycles.

IMAGES



Application Data

Western blot analysis of extracts of Jurkat cell lines, using CYP19A1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP19A1 antibody	CYP19A1(Cytochrome P450 19A1) is also named as ARO1(aromatase), CYAR, CYP19, estrogen synthase and belongs to the cytochrome P450 family. It is a terminal enzyme which transforms irreversibly androgens into estrogens and it is present in the endoplasmic reticulum of numerous tissues(PMID:16406261). The gene encodes a protein with the molecular weight between 46 kDa and 69 kDa(PMID:8129748) and the protein can be glycosylated, but the level of glycosylation does not seem to be essential for CYP19A1 activity(PMID:12606587). Brain aromatase may be neuroprotective by increasing the local estrogen levels in injured neurons so that genetic variation in the brain aromatase gene may modify the risk for AD(PMID:16767510). This antibody is specific to CYP19A1.
Product Categories/Family for anti-CYP19A1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	13904858
NCBI GeneID	1588
NCBI Accession #	NP_000094.2
NCBI GenBank Nucleotide #	NM_000103.3
UniProt Accession #	P11511; Q16731; Q3B764; Q58FA0; Q8IYJ7
Molecular Weight	Calculated MW: 58kDa
NCBI Official Full Name	aromatase
NCBI Official Synonym Full Names	cytochrome P450 family 19 subfamily A member 1
NCBI Official Symbol	CYP19A1
NCBI Official Synonym Symbols	ARO; ARO1; CPV1; CYAR; CYP19; CYPXIX; P-450AROM
NCBI Protein Information	aromatase
UniProt Protein Name	Aromatase
UniProt Gene Name	CYP19A1
UniProt Synonym Gene Names	ARO1; CYAR; CYP19

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rabbit-antibody/cyp19a1/266676>