



Rabbit Anti-Human Aromatase (a.a. 41-140) Polyclonal antibody (DPABH-15675)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	CYP19A1
Immunogen	KLH conjugated synthetic peptide derived from human Aromatase: 41-140/503
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat, Mouse, Dog, Pig, Cow, Horse, Rabbit, Sheep
Purification	affinity purified by Protein A
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-F, ICC, IF, FC, ELISA WB: 1:500-2000 IHC-P: 1:100-500 IHC-F: 1:100-500 IF: 1:100-500 Flow-Cyt: 1µg/Test
Format	Liquid
Concentration	1 mg/ml
Size	50 µl, 100 µl, 200 µl
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Preservative	0.02% Proclin300

Storage

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction

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. 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. Alternative promoter use and alternative splicing results in multiple transcript variants that have different tissue specificities.

Keywords

Cytochrome p450 19A1; Estrogen synthetase; ARO 1; ARO; ARO1; CPV; CYPXIX; Cytochrome P450 family 19 subfamily A polypeptide 1; MGC104309; P 450AROM; P450AROM; CP19A_HUMAN; Cytochrome P-450AROM; CPV1; CYAR; CYP19; Cyp19a1; Cytochrome P450, family 19, subfamily A, polypeptide 1; Cytochrome P450, subfamily XIX (aromatization of androgens); Flavoprotein linked monooxygenase; Microsomal monooxygenase; OTTHUMP00000162543; OTTHUMP00000198350; P 450AROM

GENE INFORMATION

Entrez Gene ID

[1588](#)

UniProt ID

[P11511](#)
