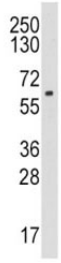
Aromatase Antibody / CYP19A1 (F50283)

Catalog No.	Formulation	Size
F50283-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50283-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Rabbit
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P11511
Applications	Western blot: 1:1000
Limitations	This Aromatase antibody is available for research use only.



Western blot analysis of CYP19A1 / Aromatase antibody and HL-60 lysate. Predicted molecular weight ~58 kDa.

Description

CYP19A1/Aromatase is 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.

Application Notes

Titration of the Aromatase antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 221-253 from the human protein was used as the immunogen for this Aromatase antibody.

Storage

Aliquot the Aromatase antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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