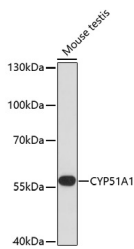


CYP51A1 Polyclonal Antibody

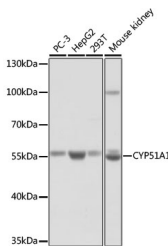
Catalog No.	E-AB-64668	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

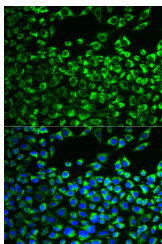
Images



Western blot analysis of extracts of Mouse testis using CYP51A1 Polyclonal Antibody at dilution of 1:1000.



Western blot analysis of extracts of various cell lines using CYP51A1 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of MCF-7 cells using CYP51A1 Polyclonal Antibody

Immunogen Information

Immunogen	Recombinant fusion protein of human CYP51A1 (NP_000777.1).
GeneID	1595
Swissprot	Q16850
Synonyms	CYP51A1,CP51,CYP51,CYPL1,LDM,P450-14DM,P450L1,CYP51A1

Product Information

Calculated MW	46kDa/56kDa
Observed MW	Refer to figures
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IF 1:50-1:200

Background

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 endoplasmic reticulum protein participates in the synthesis of cholesterol by catalyzing the removal of the 14alpha-methyl group from lanosterol. Homologous genes are found in all three eukaryotic phyla, fungi, plants, and animals, suggesting that this is one of the oldest cytochrome P450 genes. Two transcript variants encoding different isoforms have been found for this gene.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.