

Rabbit CYP51A1 Polyclonal Antibody | anti-CYP51A1 antibody

CYP51A1 antibody

CATALOG # AAA304770	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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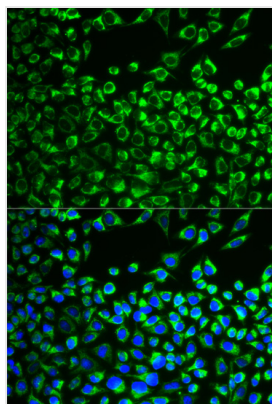
PRODUCT SYNONYMS

CYP51A1; Polyclonal Antibody; CYP51A1 antibody; LDM; CP51; CYP51; CYPL1; P450L1; P450-14DM; anti-CYP51A1 antibody

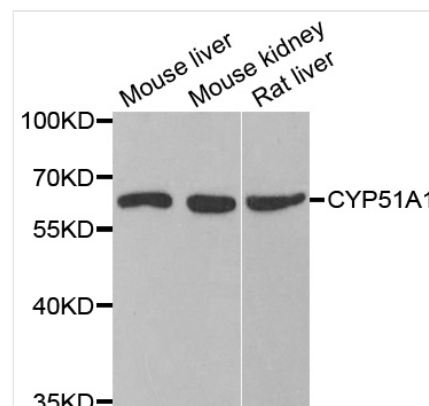
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CYP51A1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	509
Applicable Applications for anti-CYP51A1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CYP51A1.
Target Name	CYP51A1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cell using CYP51A1 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CYP51A1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP51A1 antibody	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.
Product Categories/Family for anti-CYP51A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503243
NCBI GeneID	1595
NCBI Accession #	NP_000777.1
NCBI GenBank Nucleotide #	NM_000786.3
UniProt Accession #	Q16850; O00770; O00772; Q16784; Q8N1A8; Q99868; A4D1F8; B2RAI4; B4DJ55
Molecular Weight	SDS-PAGE MW: 56kd
NCBI Official Full Name	lanosterol 14-alpha demethylase isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 51, subfamily A, polypeptide 1
NCBI Official Symbol	CYP51A1
NCBI Official Synonym Symbols	LDM; CP51; CYP51; CYPL1; P450L1; P450-14DM
NCBI Protein Information	lanosterol 14-alpha demethylase
UniProt Protein Name	Lanosterol 14-alpha demethylase
UniProt Gene Name	CYP51A1
UniProt Synonym Gene Names	CYP51; LDM; Cytochrome P45014DM
UniProt Entry Name	CP51A_HUMAN

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://stage.aaabiotech.com/polyclonal/cyp51a1-antibody-immunofluorescence-western-blot-elisa/304770>