

Rabbit anti-Human CYP51A1 Polyclonal Antibody | anti-CYP51A1 antibody

CYP51A1 Antibody

CATALOG # AAA233348	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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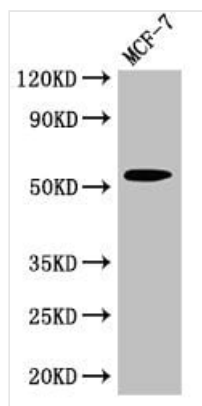
PRODUCT SYNONYMS

CYP51A1; Polyclonal Antibody; CYP51A1 Antibody; Lanosterol 14-alpha demethylase; LDM; CYPLI; Cytochrome P450 51A1; Cytochrome P450-14DM; Cytochrome P45014DM; Cytochrome P450LI; Sterol 14-alpha demethylase; CYP51; anti-CYP51A1 antibody

PRODUCT SPECIFICATIONS

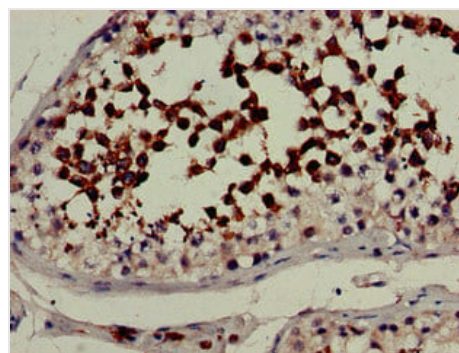
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	509
Applicable Applications for anti-CYP51A1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Lanosterol 14-alpha demethylase protein (270-437AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysateAll lanes: CYP51A1 antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 57,47 KDaObserved band size: 57 KDa



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA233348 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CYP51A1 antibody	Catalyzes C14-demethylation of lanosterol; it transforms lanosterol into 4, 4'-dimethyl cholesta-8, 14, 24-triene-3-beta-ol.
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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	46,312 Da
NCBI Official Full Name	lanosterol 14-alpha demethylase isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 51 subfamily A member 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyp51a1-antibody-immunohistochemistry-elisa/233348>