

Rabbit CYP27A1 Polyclonal Antibody | anti-CYP27A1 antibody

CYP27A1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201496	Rabbit	Tested Reactivity: Human Predicted Reactivity: Human	Western Blot

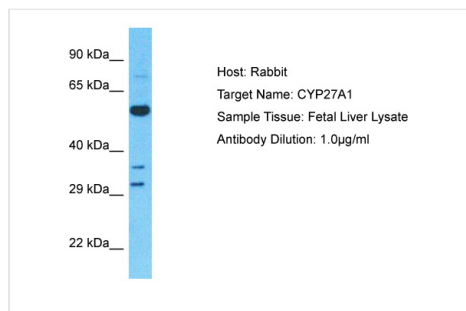
PRODUCT SYNONYMS

CYP27A1; Polyclonal Antibody; CYP27A1 Antibody - N-terminal region; anti-CYP27A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	GKYPVRNDME LWKEHRDQHD LTYGPFTEG HHWYQLRQAL NQRLKPAEA
Applicable Applications for anti-CYP27A1 antibody	WB (Western Blot)
Protein Size (# AA)	531 amino acids
Protein Interactions	PRDX4
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CYP27A1
Replacement Item	This antibody may replace item sc-112870 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit
Target Name: CYP27A1
Sample Type: Fetal Liver lysates
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CYP27A1 antibody	This is a rabbit polyclonal antibody against CYP27A1. It was validated on Western Blot Target Description: 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 mitochondrial protein oxidizes cholesterol intermediates as part of the bile synthesis pathway. Since the conversion of cholesterol to bile acids is the major route for removing cholesterol from the body, this protein is important for overall cholesterol homeostasis. Mutations in this gene cause cerebrotendinous xanthomatosis, a rare autosomal recessive lipid storage disease.
Product Categories/Family for anti-CYP27A1 antibody	Polyclonal; Cell Biology; Mitochondria; Signal Transduction; Various; E3 & Ubiquitin; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503211
NCBI GeneID	1593
NCBI Accession #	NP_000775
NCBI GenBank Nucleotide #	NM_000784.4
UniProt Accession #	Q02318
Molecular Weight	58kDa
NCBI Official Full Name	sterol 26-hydroxylase, mitochondrial
NCBI Official Synonym Full Names	cytochrome P450 family 27 subfamily A member 1
NCBI Official Symbol	CYP27A1
NCBI Official Synonym Symbols	CTX; CP27; CYP27
NCBI Protein Information	sterol 26-hydroxylase, mitochondrial
UniProt Protein Name	Sterol 26-hydroxylase, mitochondrial
UniProt Gene Name	CYP27A1
UniProt Synonym Gene Names	CYP27
UniProt Entry Name	CP27A_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/cyp27a1-antibody-western-blot-elisa/201496>