

Rabbit CYP27A1 Polyclonal Antibody | anti-CYP27A1 antibody

CYP27A1 Polyclonal Antibody

CATALOG # AAA166391	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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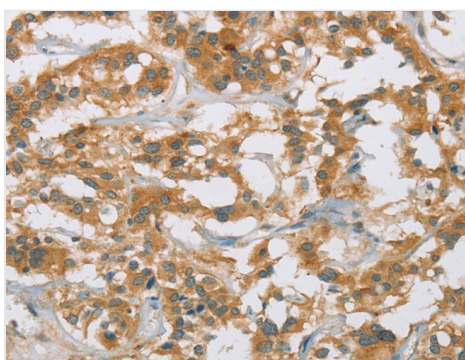
PRODUCT SYNONYMS

CYP27A1; Polyclonal Antibody; CYP27A1 Polyclonal Antibody; CTX; CP27; CYP27; anti-CYP27A1 antibody

PRODUCT SPECIFICATIONS

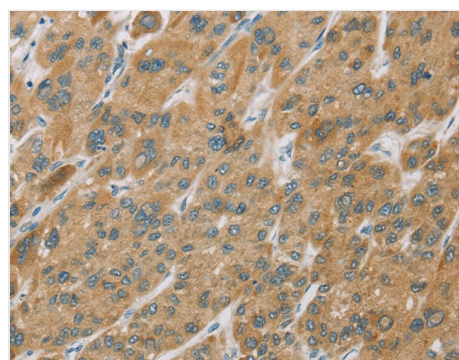
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.1mg/mL (varies by lot)
Sequence Length	531
Applicable Applications for anti-CYP27A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CYP27A1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



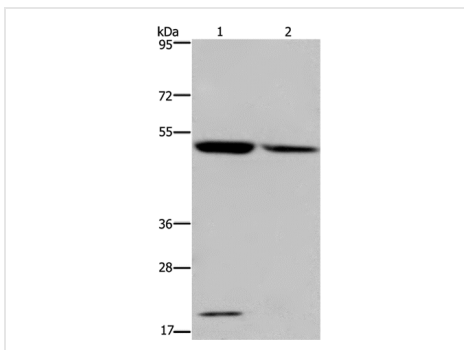
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using CYP27A1 Polyclonal Antibody at dilution of 1:25



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using CYP27A1 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of Mouse liver and Human fetal liver tissue using CYP27A1 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-CYP27A1 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 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

Cancer; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	55249608
NCBI GeneID	1593
Molecular Weight	60,235 Da
NCBI Official Full Name	Cytochrome P450, family 27, subfamily A, polypeptide 1
NCBI Official Synonym Full Names	cytochrome P450, family 27, subfamily A, polypeptide 1
NCBI Official Symbol	CYP27A1
NCBI Official Synonym Symbols	CTX; CP27; CYP27
NCBI Protein Information	sterol 26-hydroxylase, mitochondrial; 5-beta-cholestane-3-alpha, 7-alpha, 12-alpha-triol 26-hydroxylase; 5-beta-cholestane-3-alpha, 7-alpha, 12-alpha-triol 27-hydroxylase; 5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase; cholestanetriol 26-monooxygenase; cytochrome P-450C27/25; cytochrome P450 27; cytochrome P450, subfamily XXVIIA (steroid 27-hydroxylase, cerebrotendinous xanthomatosis), polypeptide 1; sterol 27-hydroxylase; vitamin D(3) 25-hydroxylase
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-immunohistochemistry-western-blot-elisa/166391>