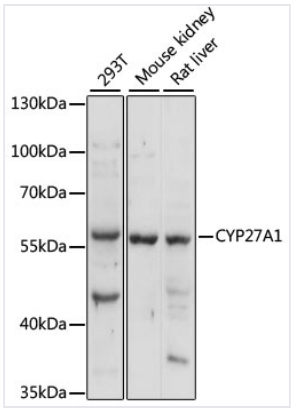
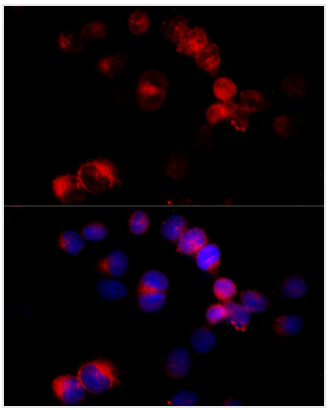
CYP27A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CYP27A1, Polyclonal Antibody
Full Product Name	CYP27A1 Rabbit Polyclonal Antibody
Product Gene Name	anti-CYP27A1 antibody
Product Synonym Names	CYP27A1; CP27; CTX; CYP27
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	SDS Page MW: 60kDa Calculated MW: 60kDa
Immunogen	Recombinant fusion protein of human CYP27A1 (NP_000775.1).
Product Categories/Family for anti-CYP27A1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-CYP27A1 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-CYP27A1 antibody	WB: 1:500-1:2000 IF: 1:50-1:200
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.
Other Notes	Small volumes of anti-CYP27A1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CYP27A1 purchase	MBS9459346 is an antibody targeting CYP27A1. Also known as CYP27A1 Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-CYP27A1 antibody
Western blot analysis of extracts of various cell lines, using CYP27A1 at 1:1000 dilution.



Immunofluorescence (IF) of anti-CYP27A1 antibody
Immunofluorescence analysis of HeLa cells using CYP27A1 at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYP27A1. It may not necessarily be applicable to this product.

NCBI GeneID	1593
Protein Family	Sterol 26-hydroxylase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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