

Recombinant

DGRmAb®

CYP27A1 (DGR20492) Rabbit mAb

db14277

Package : 10µL 20µL 50µL 100µL

Product Name : CYP27A1 (DGR20492) Rabbit mAb**Cat.No.:** db14277**Synonyms :** CTX; CP27; CYP27**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human CYP27A1

Gene ID

1593

Swiss Prot

Q02318

Synonyms

CTX; CP27; CYP27

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:50-1:100

FC: 1:100

Calculated MW

60 kDa

Observed MW

60 kDa

Host species

Rabbit

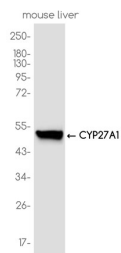
Clonality

Monoclonal

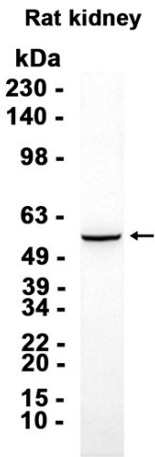
Clonality No.

DGR20492

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Mouse liver cells using db14277 at 1:1000.



Western blot analysis of extracts from Rat kidney tissue using db14277 at 1:1000.