

CYP1B1 Rabbit pAb

Catalog No.: A13967 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

61kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human

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. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

1545

Swiss Prot

Q16678

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 244-543 of human CYP1B1 (NP_000095.2).

Synonyms

CP1B; ASGD6; GLC3A; CYP1B1; P4501B1; CYP1B1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

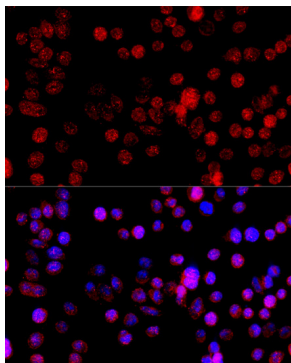
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Immunofluorescence analysis of HeLa cells using CYP1B1 antibody (A13967) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.