

Datasheet for ABIN7262038

anti-CYP2C9 antibody

2 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	CYP2C9
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2C9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human CYP2C9 (NP_000762.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CYP2C9
Alternative Name:	CYP2C9 (CYP2C9 Products)
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 protein localizes to the endoplasmic reticulum and its expression is induced by rifampin. The enzyme is known

Target Details

to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen and S-warfarin. Studies identifying individuals who are poor metabolizers of phenytoin and tolbutamide suggest that this gene is polymorphic. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24.

Gene ID: 1559

UniProt: [P11712](#)

Application Details

Application Notes: IHC 1:50-1:200 IF 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

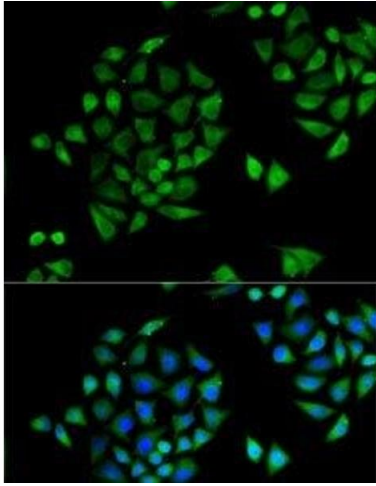
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

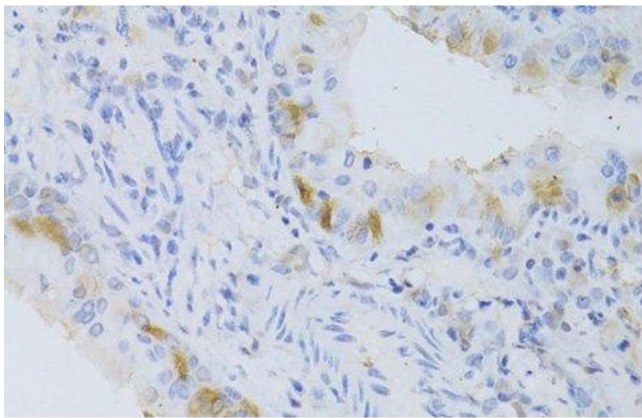
Storage: -20 °C

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



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using CYP2C9 Polyclonal Antibody



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Mouse lung using CYP2C9 Polyclonal Antibody at dilution of 1:100 (40x lens).