

Datasheet for ABIN7149243
anti-CYP2C19 antibody (AA 245-353)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	CYP2C19
Binding Specificity:	AA 245-353
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2C19 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cytochrome P450 2C19 protein (245-353AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	CYP2C19
Alternative Name:	CYP2C19 (CYP2C19 Products)
Background:	Background: Responsible for the metabolism of a number of therapeutic agents such as the anticonvulsant drug S-mephenytoin, omeprazole, proguanil, certain barbiturates, diazepam,

Target Details

propranolol, citalopram and imipramine.

Aliases: (R)-limonene 6-monooxygenase antibody, (S)-limonene 6-monooxygenase antibody, (S)-limonene 7-monooxygenase antibody, CP2CJ_HUMAN antibody, CPCJ antibody, CYP2C antibody, CYP2C19 antibody, CYP11C17 antibody, CYP11C19 antibody, Cytochrome P-450 II C antibody, Cytochrome P450 2C19 antibody, Cytochrome P450, subfamily IIC (mephenytoin 4-hydroxylase), polypeptide 19 antibody, Cytochrome P450-11A antibody, Cytochrome P450-254C antibody, Flavoprotein-linked monooxygenase antibody, Mephenytoin 4 hydroxylase antibody, Mephenytoin 4-hydroxylase antibody, Microsomal monooxygenase antibody, P450-11A antibody, P45011A antibody, P450C2C antibody, S-mephenytoin 4-hydroxylase antibody, Xenobiotic monooxygenase antibody

UniProt: [P33261](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:300-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

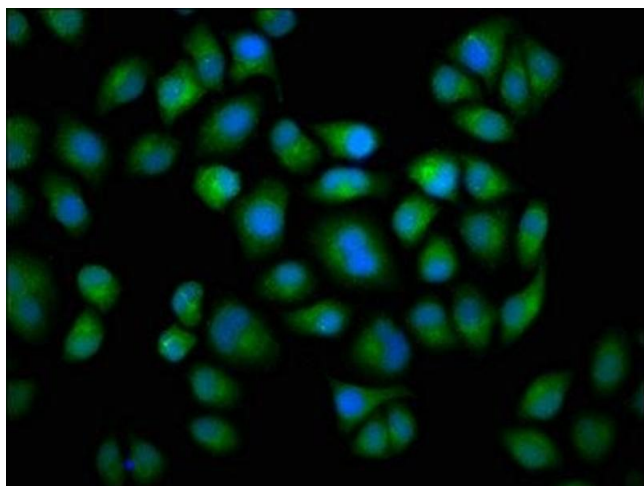
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

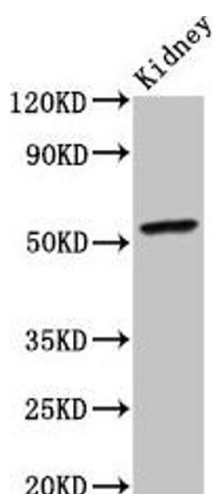
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



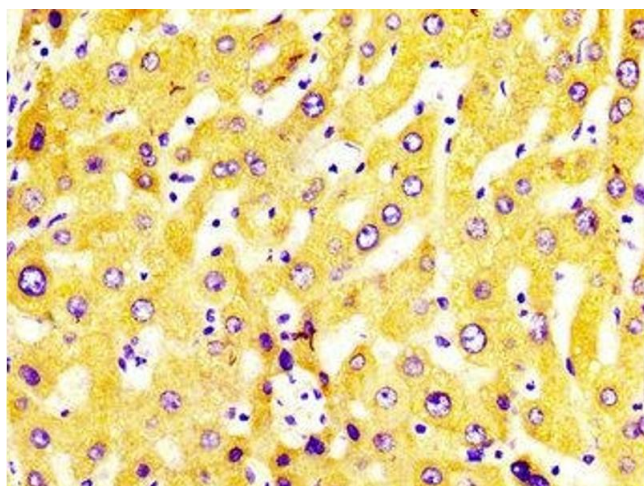
Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7149243 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse kidney tissue All lanes: CYP2C19 antibody at 4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 56 kDa Observed band size: 56 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7149243 diluted at 1:400 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7149243.