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anti-CYP2C9 antibody



Image



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Overview

| Quantity: | 20 μL |
|--------------|---------------------------------------|
| Target: | CYP2C9 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CYP2C9 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA |

Product Details

| Immunogen: | Recombinant protein of human CYP2C9 |
|------------------|-------------------------------------|
| 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.

UniProt:

P11712

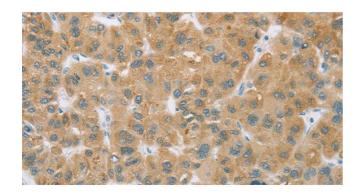
Application Details

| Application Notes: | IHC 1:50-1:200 |
|--------------------|-----------------------|
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 0.4 mg/mL |
| Buffer: | PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4 |
| 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. |

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CYP2C9 Polyclonal Antibody at dilution 1:35