

Cytochrome P450 1A2 Rabbit pAb

db7790

Package : 20µL 50µL 100µL

Product Name : Cytochrome P450 1A2 Rabbit pAb**Cat.No.:** db7790**Synonyms** : CP12; CYP1A2; P3-450; P450(PA)**Application** : WB, ICC/IF, FC**Reactivity** : Human**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. The protein encoded by this gene localizes to the endoplasmic reticulum and its expression is induced by some polycyclic aromatic hydrocarbons (PAHs), some of which are found in cigarette smoke. The enzyme's endogenous substrate is unknown; however, it is able to metabolize some PAHs to carcinogenic intermediates. Other xenobiotic substrates for this enzyme include caffeine, aflatoxin B1, and acetaminophen. The transcript from this gene contains four Alu sequences flanked by direct repeats in the 3' untranslated region. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Cytochrome P450 1A2

Gene ID

1544

Swiss Prot

P05177

Synonyms

CP12; CYP1A2; P3-450; P450(PA)

Reactivity

Human

Application

WB, ICC/IF, FC

Recommended dilution

WB: 1:1000

ICC/IF: 1:50

FC: 1:200-1:1000

Calculated MW

58 kDa

Observed MW

58 kDa

Host species

Rabbit

Clonality

Polyclonal

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.