

CYP1A1 Antibody (C-term)

Catalog_no :	AB0725
Applications :	WB, IHC-P
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:377-405
Specificity :	This CYP1A1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 377-405 amino acids from the C-terminal region of human CYP1A1.
Dilution :	WB,1:1000;
Purification :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Cytochrome P450 1A1, CYP1A1, Cytochrome P450 form 6, Cytochrome P450-C, Cytochrome P450-P1, CYP1A1
Isotype :	IgG1
Background :	This gene, CYP1A1, 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 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. The gene has been associated with lung cancer risk. A related family member, CYP1A2, is located approximately 25 kb away from CYP1A1 on chromosome 15.
reference :	Pande, M., et al. Mol. Carcinog. 49(11):974-980(2010) Sabitha, K., et al. Cancer Epidemiol 34(5):587-592(2010) Kumar, V., et al. Chemosphere 81(4):464-468(2010) Yamaguti, G.G., et al. Acta Haematol. 124(3):182-184(2010) Olsen, J.V., et al. Cell 127(3