



CYP2A6/7 rabbit pAb

Cat No.:ES4926

For research use only

Overview

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| Product Name | CYP2A6/7 rabbit pAb |
| Host species | Rabbit |
| Applications | IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | Synthesized peptide derived from CYP2A6/7 . at AA range: 310-390 |
| Specificity | CYP2A6/7 Polyclonal Antibody detects endogenous levels of CYP2A6/7 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Cytochrome P450 2A7 |
| Gene Name | CYP2A7 |
| Cellular localization | Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | |
| Human Gene ID | 1549 |
| Human Swiss-Prot Number | P20853 |
| Alternative Names | CYP2A7; Cytochrome P450 2A7; CYP11A7; Cytochrome P450 IIA4 |
| 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; its substrate has not yet been determined. This gene, which produces two transcript variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

