

CP51A rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A12961 | Rabbit | 1 mg/ml | |

| | |
|------------------------------|---|
| Applications | WB,ELISA |
| Reactivity | Human |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Storage | -20°C/1 year |
| Specificity | CP51A Polyclonal Antibody detects endogenous levels of protein. |
| Source / Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 210-290 |
| Uniprot No | Q16850 |
| Alternative names | |
| Form | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Clonality | Polyclonal |
| Isotype | IgG |
| Conjugation | |
| Background | cytochrome P450 family 51 subfamily A member 1(CYP51A1) Homo sapiens 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 endoplasmic reticulum protein participates in the synthesis of cholesterol by catalyzing the removal of the 14alpha-methyl group from lanosterol. Homologous genes are found in all three eukaryotic phyla, fungi, plants, and animals, suggesting that this is one of the oldest cytochrome P450 genes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009], |
| Other | CYP51A1 CYP51, Lanosterol 14-alpha demethylase (LDM) (EC 1.14.13.70) (CYPLI) (Cytochrome P450 51A1) (Cytochrome P450-14DM) (Cytochrome P45014DM) (Cytochrome P450LI) (Sterol 14-alpha demethylase) |

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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