

Polyclonal Rabbit anti-P450 (CYP) 3A23/3A1 Antibody:

3A1 and 3A23 are the same gene. 3A23 is the accurate sequence.

(50 µL)

Catalog Number: **P3A23R**

Store at -20°C.

FOR RESEARCH USE ONLY



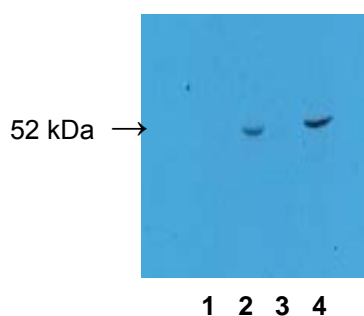
Preparation: Antibody for CYP3A23 was produced by immunization of a rabbit with rat CYP3A23 peptide².

Specificity: The antibody recognizes CYP3A23/3A1 from rat.

Contents: 50 µL per vial with 0.7% BSA and 0.05% azide.

Storage: Avoid repeated freezing and thawing by aliquoting portions of the antibody into eppendorf tubes and storing at -20°C.

Western Blots: 5 µL per 10 mL of TBS (1:2000 dilution) containing 5% non-fat milk for overnight incubation is necessary for ECL method. We recommend a 1:5000 dilution of HRP conjugated anti-rabbit secondary antibody in TBS containing 5% non-fat milk for 1 hr incubation.



1: Sprague-Dawley rat microsomes: control (treated with PBS).

2: Sprague-Dawley rat microsomes: treated with phenobarbital dissolved in PBS (100 mg/kg/day for 3 days, ip).

3: Sprague-Dawley rat microsomes: treated with corn oil.

4: Sprague-Dawley rat microsomes: treated with dexamethasone dissolved in corn oil (5 mg/kg/day for 4 days, ip).

Reference:

1. The P450 bibliographic files. <http://dmnelson.uthsc.edu/biblioB.html>.

2. Zangar R. D. et al. Effect of calcium channel antagonists nifedipine and nicardipine on rat Cytochrome P450 2B and 3A Forms. *J. Pharm. and Exp. Ther.* 290, 1436-1441, 1999.