



OXFORD BIOMEDICAL RESEARCH

P.O. Box 522, Oxford MI 48371 • USA

USA: 800-692-4633 • Fax: 248-852-4466

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Product specifications

Anti-Rabbit Cytochrome P450 1A1/1A2

Product # PR 31

Typical Lot

Immunoglobulin

Type: Polyclonal goat IgG.

Immunogen: Purified rabbit CYP450 1A1/1A2.

Specificity: Reacts with both forms in liver microsomes prepared from rabbits or rats that were induced to express multiple forms of P450's.

Applications: Immunoassay, Immunoprecipitation or Western Blots.

Contents: 1 mL of goat antiserum with 0.05% sodium azide.

Working Dilution: A dilution of 1/100 for Western blots will yield a positive result with 0.2 µg of recombinant human cytochrome P450 IA1 and/ or 1A2 using horseradish conjugated rabbit anti-goat antibodies according to the manufacturer's instructions.

Storage: Stable at 4°C for 6 to 8 weeks, several months at -20°C. and indefinitely at -80°C. Upon thawing it is best to aliquot for individual usage. Repeated freezing and thawing may result in diminishment or loss of activity.

References:

1. Guengerich, F.P. *et al.* (1982) *Biochemistry* **21**: 6019
2. Bellward, G.D., *et al.* (1988) *Mol. Pharmacol.* **33**: 140