

## RABBIT ANTI-CYP2A6 POLYCLONAL ANTIBODY

**CATALOG NUMBER:** AB10300      **QUANTITY:** 100 µL

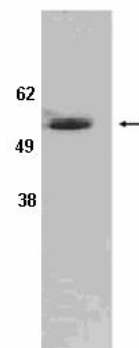
**LOT NUMBER:**

**CLONE NAME:**      **HOST/ISOTYPE:** IgG2b

**BACKGROUND:** Cytochrome P450 2A6 (CYP2A6) is a member of the cytochrome P450 mixed-function oxidase system. It is involved in the metabolism of various xenobiotics including nicotine and cotinine.

**IMMUNOGEN:** Recombinant human CYP2A6

**APPLICATIONS:** Western Blot: Western Blot analysis of Rabbit anti-human CYP2A6 against human microsomes at a dilution of 1:5000.



*Optimal working dilutions must be determined by end user.*

**SPECIES REACTIVITY:** Human

**PRESENTATION:** Raw rabbit serum with 0.1% sodium azide.

**STORAGE/HANDLING:** Maintain at 2-8°C for up to 12 months from date of receipt.

**REFERENCES:** Higasi, Eriko, *et al* (2007). Inhibitory effects of neurotransmitters and steroids on human CYP2A6.

Benowitz, Neal L, *et al* (2006). CYP2A6 genotype and the metabolism and disposition kinetics of nicotine. *Clin Pharmacol Ther* **80**: 457-467.

Miyazawa, Mitsuo and Gyoubu, Kunihiko (2006). Metabolism of (+)-fenchone by CYP2A6 and CYP2B6 in human liver microsomes. *Biol Pharm Bull* **29**: 2354-2358.

*This antibody was developed in collaboration with CXR BioSciences*



**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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