Cytochrome P450 3A1 (rat) polyclonal antibody

Members of the cytochrome P-450 3A (CYP3A) sub-family catalyze the 6β-hydroxylation of testosterone, and the metabolism of a number of drugs such as cyclosporin A (Prod. No. BML-A195), and warfarin. They are inducible by glucocorticoids such as dexamethasome (Prod. No. BML-EI126) and by macrolide antibiotics such as erythromycin and pregnenolone 16α-carbonitrile (U-14975, PCN) (Prod. No. BML-S620). Rat CYP3A1 and CPY3A2 share 89% sequence similarity at the amino acid level and are predominantly located in the liver, principally in the centrilobular region. PCN induces CYP3A1 gene expresion in regions of the intestine, lung and kidney.

This antibody is covered by our Worry-Free Guarantee.

Ordering Information

Order Online »

BML-CR3315-0025	25µl

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CYP3A1
Application	IHC (FS), IHC (PS), WB
Formulation	Liquid. Serum containing 0.01% sodium azide.
Host	Sheep
Immunogen	Synthetic peptide corresponding to a portion of C-terminal rat CYP3A1.
Species Reactivity	Rat
Specificity	Recognizes rat CYP3A1. Not suitable for use on human tissue.
UniProt ID	P04800
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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