

## Product Information Sheet

### Anti-rat CYP2C11 (for immunoinhibition and Western blotting)

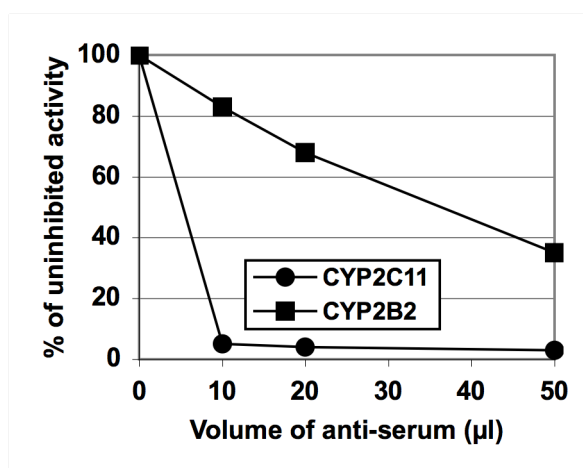
Catalogue Number: R-PAP121  
 Product Description: Polyclonal antiserum raised in goat against purified rat CYP2C11  
 Amount: 200 µl  
 Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.  
 Intended Use: For laboratory (research) purposes only.  
 Applications: Immunoinhibition and Western blotting

Batch Number: 030707

#### Specificity of immunoinhibition against rat CYPs (antiserum diluted 2.5-fold)

CYP1A1	CYP1A2	CYP2B1	CYP2B2	CYP2C11	CYP2E1	CYP3A2	CYP4A1
-	-	*	*	***	-	-	-

Potency of immunoinhibition: \*\*\* strong; \*\* moderate; \* weak; - not detectable



Graph showing immunoinhibition of testosterone 16β-hydroxylation in liver microsomes prepared from male rats. Anti-serum (diluted 2.5-fold; 0 – 50 µl) was pre-incubated with male rat liver microsomes (200 µg protein) at room temperature for 30 min before starting the reaction. The final incubation volume was 500 µl. Data published by Daiichi Pure Chemical Co. Ltd.

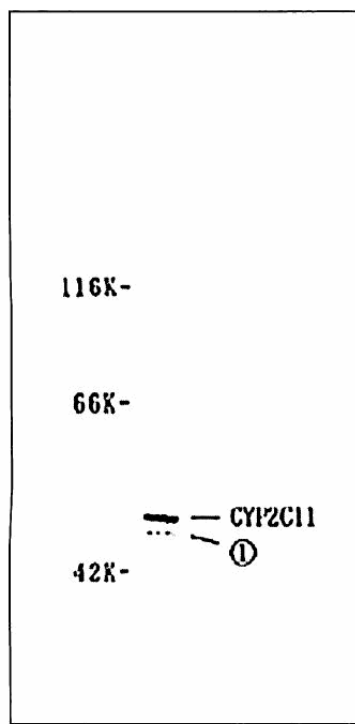
#### Blotting specificity (antiserum diluted 2.5-fold)

CYP1A1	CYP1A2	CYP2A1	CYP2A2	CYP2B1	CYP2C6	CYP2C11	CYP2C13
-	-	-	-	-	*	***	**

CYP2E1	CYP3A2	CYP4A1
*	-	-

Degree of cross-reactivity on Western blot: \*\*\* strong; \*\* moderate; \* weak; - not detectable

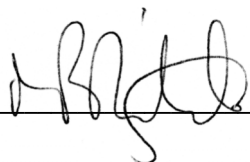
A dilution of 1:1000 is suggested as a starting point for Western blotting applications.



male microsomes (3µg)

Western blot of male rat liver microsomes (3 µg protein) showing the specificity of the R-PAP121 antibody. The band labelled ① is reported to represent CYP2C13. Data published by Daiichi Pure Chemical Co. Ltd.

Approved by \_\_\_\_\_

Date 7<sup>th</sup> September, 2015**Safety Data**

The toxicological properties of this reagent have not been investigated. Exercise due care when handling.

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