



## Product Information Sheet

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

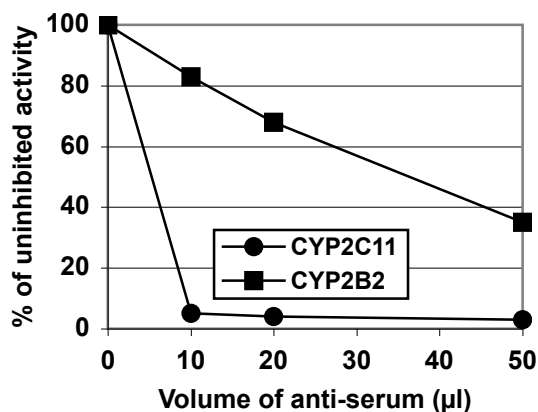
Catalogue Number: R-PAP121  
 Product Description: Polyclonal antiserum raised in goat against purified rat CYP2C11  
 Amount: 200 µl  
 Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.  
 Intended Use: For laboratory (research) purposes only.  
 Applications: Immunoinhibition and Western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

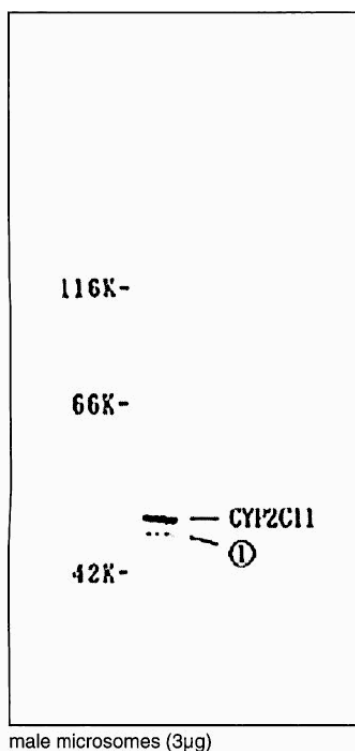
#### Blotting specificity (antiserum diluted 2.5-fold)

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

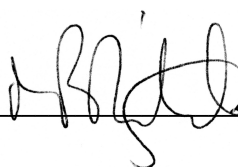
CYP2E1	CYP3A2	CYP4A1
*	-	-

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.



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 8<sup>th</sup> March, 2018

#### Safety Data

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

#### IMPORTANT DISCLAIMER

1. Products supplied by Cypex may be harmful if misused. Any product ordered from Cypex must not be used for any purpose other than the intended use specified on the Product Information Sheet which accompanies the product when delivered. Please ensure that products supplied by Cypex are used safely, and, in particular, that the products do not come into direct human contact.

2. Cypex undertakes that all products supplied by it shall conform to the specification appearing on the Product Information Sheet which accompanies the product when delivered. In the event that products supplied by Cypex fail to meet such specification, Cypex will supply replacement products free of charge provided that the defective products have been returned to Cypex within a reasonable time of delivery (Cypex will reimburse reasonable costs incurred in returning defective products), and this shall be the only remedy available in respect of the supply of any defective products.

3. Cypex gives no undertakings or warranties in respect of products supplied other than the undertaking given at 2, above. Furthermore, Cypex has given and gives no undertaking or warranty nor does it make any representation, directly or indirectly, express or implied, about the quality, character or suitability of products supplied by Cypex.

4. Cypex shall have no liability in respect of loss or damage (whether direct or indirect or in the nature of loss of profit) suffered as a result of the supply of products by Cypex, or the subsequent use, storage or other application of the products, whether or not the products meet the specification referred to at 2, above.