



**Anti Preprorenin (288-317)(Human) Serum**  
**Cat. No. YII-Y191-EX      Lot No. 65161005**

**Description:** This antiserum was raised in a rabbit by immunization with a carrier free synthetic preprorenin (288- 317) (human) peptide. The product vial contains 50 $\mu$ L of the titled antiserum obtained by lyophilizing its 0.001M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistochemistry or any other immunoreaction with renin (human) and its precursor preprorenin.

**Immunogen:** Synthetic preprorenin (288-317) (human), carrier free **Host:** Rabbit

**Amino Acid Sequence of Preprorenin (288-317) (human)<sup>1)</sup>:**  
LAL VDTGASYISG STSSIEKLME ALGAKKR

**Product Form:** Lyophilized unpurified serum **Size:** 50  $\mu$ L

**Reconstitution:** Reconstitute the product with 0.5mL of 0.01M PBS (pH 7.0) to make a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN<sub>3</sub> 0.1%).

**Storage:** The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstituted, the antiserum solution must be stored at 2°C to 8°C and used within one month. Reconstituted antiserum solution can also be aliquotted and stored at -20°C to -80°C for six months without marked loss of activity. Repeated freezing- thawing should be avoided.

**Suggested Working Dilution Range:** 1:1,000~5,000 for enzyme immunoassay; 1:1,000- 4,000 for immunohistochemistry (frozen section). Optimal dilution should be determined by each laboratory for each application.

**Specificity (based on non-competitive EIA):** Preprorenin (288-317) (human) 100%, preprorenin (21-64) (human)< 0.043%, preprorenin (337-360) (human) 0%

**Positive Control (immunohistochemistry):** Human and rat kidney

**Species Tested:** Human, rat

**REFERENCES:**

1) T. Imai, H. Miyazaki, et al., Cloning and sequence analysis of cDNA for human renin precursor. Proceedings of National Academy of Sciences, U.S.A 80: 7405-7409, 1983

**FOR RESEARCH LABORATORY USE ONLY**

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

**Distributor**



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TOYO EKIMAE BLDG. 2-20, TOYO 2CHOME  
KOTO-KU, TOKYO 135-0016, JAPAN  
TEL : +81-3-5632-9617  
FAX : +81-3-5632-9618  
URL : <http://www.cosmobio.co.jp/>  
e-mail : [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)

**Manufacturer**



2480-1 Awakura, Fujinomiya-shi,  
Shizuoka 418-0011, JAPAN  
Phone: +81-544-22-2771  
Fax: +81-544-22-2770  
URL : [www.yanaihara.co.jp](http://www.yanaihara.co.jp)  
E-mail : [ask@yanaihara.co.jp](mailto:ask@yanaihara.co.jp)