PAC585Mu01 Polyclonal Antibody to Urocortin 2 (UCN2) Organism Species: Mus musculus (Mouse) *Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

Western Blot [PRODUCT INFORMATION] kDa 75 Immunogen: UCN2, Mouse 50 **Clonality:** Polyclonal 37 Host: Rabbit 25 Immunoglobulin Type: IgG 20 Purification: Affinity Chromatography. 15 Applications: WB, ICC, IHC-P, IHC-F, ELISA 10 ←10kDa Concentration: 200µg/mL **UOM:** 100µg Sample: Recombinant UCN2, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant UCN2 (Leu31~Arg112) expressed in *E.coli*. Accession No.: RPC585Mu01 Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MGHHHHHHSG SEF- LLPQNSLETT PSSVTSESSS GTTTGPSASW SNSKASPYLD TRVILSLDVP IGLLRILLEQ ARYKAARNQA ATNAQILAHV GR

Designed by Cloud-Clone Corp., Assembled by Uscn Life Science Inc. ISO9001:2008; ISO13485:2003 11271 Richmond Avenue Suite H104. Houston, TX 77082, USA | Tol free: 001-888-960-7402 | Fax: 001-832-538-0088 | Http://www.cloud-clone.us | E-mail: mail@cloud-clone.us Export Processing Zone Building F. Wuhan. Hubei 430056, PRC | Tol free: 0086-800-880-0667 | Fax: 0086-27-8425-9551 | Http://www.uscnk.com | E-mail: mail@uscnk.com

9th Edition (Revised in Jul, 2013)

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against UCN2. It has been selected for its ability to recognize UCN2 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200 Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant UCN2 (Leu31~Arg112) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemilumescent (ECL). **Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN $_3$ 0.02%.

[<u>STORAGE</u>]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Designed by Cloud-Clone Corp., Assembled by Uscn Life Science Inc. ISO9001:2008; ISO13485:2003 11271 Richmond Avenue Suite H104, Houston, TX 77082, USA | Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Http://www.cloud-clone.us | E-mail: mail@cloud-clone.us Export Processing Zone Building F, Wuhan, Hubei 430056, PRC | Toll free: 0086-800-880-0667 | Fax: 0086-27-8425-9551 | Http://www.uscnk.com | E-mail: mail@cloud-clone.us