

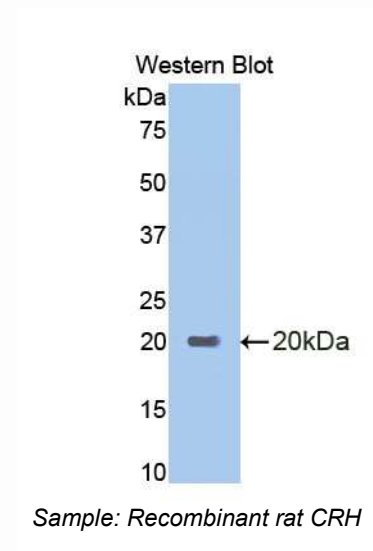
A90835Ra01
Polyclonal Antibody to Corticotropin Releasing Hormone (CRH)
Instruction manual

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

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: CRH
Clonality: Polyclonal
Host: Rabbit
Species Reactivity: Rat
Ig type: Rabbit IgG
Purification: Antibodies are purified by target protein affinity chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Form: Liquid
Size: 100µg



[IMMUNOGEN INFORMATION]

Immunogen: Recombinant rat CRH (Gln39~Lys187) expressed in *E.coli*.
Molecular Weight: 18.3kDa
USCN accession No.: P90835Ra01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.
 MGHHHHHHSGSEF-QP LNFLQPEQPQ QPQPILIRMG EEYFLRLGNL NRSPAARLSP
 NSTPLTAGRG SRPSHDQAAA NFFRVLLQQL QMPQRPLDSS TELAERGAED ALGGHQGALE
 RRRSEEPPI SLDLTFHLLR EVLEMARAEQ LAQQAHSNRK LMEIIGK

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11271 Richmond Avenue, H104, Houston, TX 77082, USA | Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Email: mail@uscnc.us | Http://www.uscnc.us
 Export Processing Zone, Wuhan 430056, P.R.China | Toll free: 0086-800-880-0687 | Fax: 0086-27-8425-9551 | Email: mail@uscnc.com | Http://www.uscnc.com

[ANTIBODY SPECIFICITY]

Anti CRH is a rabbit polyclonal antibody raised against rat CRH. This antibody has been selected for its ability to recognize rat CRH in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[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

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant rat CRH (Gln39~Lys187) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

[STORAGE]

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.

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