

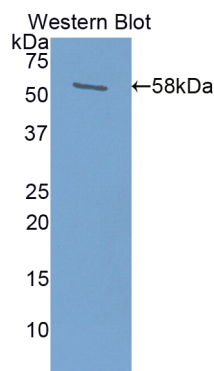
pA90846Mu01
Polyclonal Antibody to Prolactin (PRL)
Organism: Mus musculus (Mouse)
Instruction manual

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

7th Edition (Revised in May, 2013)

[**PRODUCT INFORMATION**]

Immunogen: PRL, Mouse
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200µg/mL
UOM: 100µg



Sample: Recombinant PRL, Mouse

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant PRL (Met1~Cys226) expressed in *E.coli*.
USCN Accession No.: rP90846Mu01
Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.
 MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
 GDVKLTQSMA IIRYIADKH N MLGGCPKERA EISMLEGAVL DIRYGVSR I A YSKDFETLK V
 DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
 KR IEAIPQID KYLKSSSKYIA WPLQGWQATF GGGDHPKSD GSTSGSGHHH HHHSAGLVPR
 GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQGPLGS-MNSQGSQA KA GTLLLLLISN
 LLFCQNVQPL PICSAGDCQT SLRELFDRVV ILSHYIHTLY TDMFIEFDKQ YVQDREFMVK
 VINDCPTSSL ATPEDKEQAL KVPPEVLLNL ILSLVQSSSD PLFQLITGVG GIQEAP EYIL
 SRAKEIEEQN KQLLEGVEKI ISQAYPEAKG NGIYFVWSQL PSLQGVDEES KILSLRNTIR
 CLRRDSHKVD NFLKVLRCQI AHQNNC

Unique product Superb quality Client favorite Nicest service  **ISO9001:2008**;  **ISO13485:2003**; 

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against PRL. It has been selected for its ability to recognize PRL 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% NaN_3 , 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant PRL (Met1~Cys226) 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(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 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.