

pA92888Po01
Polyclonal Antibody to Chromogranin B (CHGB)
Organism: *Sus scrofa*; Porcine (Pig)
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: CHGB, Porcine

Clonality: Polyclonal

Host: Rabbit

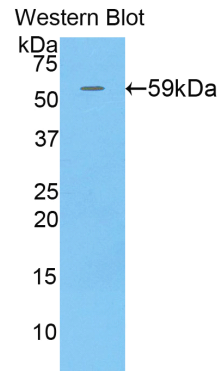
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant CHGB, Porcine




[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant CHGB (Val40~His326) expressed in *E. coli*.

USCN Accession No.: rP92888Po01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLQSM A IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
VVLMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGGDHPKSD
GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV
LFQGPLGSEF-V LSNALSKSNA PPITPECRQV LKGGGKEVKD EEKGANENTR
FEVRLLRDPA DTSETQRPSG GREGAEAPSE DTQGPPGADVEGGGHSREGA
GKPRGGPYSS DNPVAKEGKT RHSEKSEGQD REEEEGEKYQ KRERGEEGSE

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ERHLQEPGET QTAFLNQG NR ATAKKKEEFE SRYDAHSAGG PAKTHSRERS SQESGEETGS
QDAAPGEPES PPEGQEAPEE SQEDASLEVD KRRWRPRHHH GRSRPDRAPQ
EGSPPEERG HPREESEESV LGLASPGGQR TRHPTH

[**ANTIBODY SPECIFICITY**]

The antibody is a rabbit polyclonal antibody raised against CHGB. It has been selected for its ability to recognize CHGB 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 CHGB (Val40~His326) 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%, NaN₃ 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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