FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: AGC

Clonality: Polyclonal
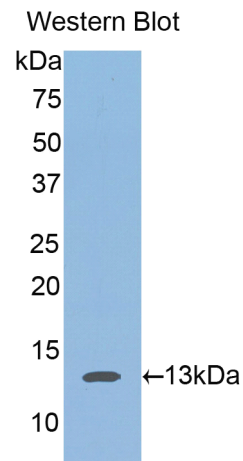
Host: Rabbit

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

Western Blot

Sample: Recombinant rat AGC

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant rat AGC (Glu588~Arg684) expressed in *E.coli*.

Molecular Weight: 12.2kDa

USCN accession No.: P91908Ra02

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGSEF- EVF FATQMEQFTF QEAQAFCAAQ NATLASTGQL YAAWSQGLDK CYAGWLADGT LRYPIVNPRP ACGGDKPGVR TVYLYPNQTG LPDPLSKHHA FCFR

[ANTIBODY SPEFICITY]

Anti AGC is a rabbit polyclonal antibody raised against rat AGC. This antibody has been selected for its ability to recognize rat AGC 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%Na_3N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant rat AGC (Glu588~Arg684) 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(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na_3N 0.02%.

[STORAGE]

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