

PAA900Ge01 Polyclonal Antibody to Gamma-Aminobutyric Acid (gABA) Organism Species: General *Instruction manual*

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

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: gABA

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Small Molecule gABA conjugated to OVA USCN Accession No.: CPA900Ge81 Chemical Formula: C₄H₉NO₂ Mol. Mass: 103.12g/mol Structural Formula:

 H_2N_{γ}

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[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against gABA. It has been selected for its ability to recognize gABA 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.

[<u>CONTENTS</u>]

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

[<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.

[<u>NOTE</u>]

As the antibody has an extremely low concentration, the amounts of usage should be controlled in 50 to 100 times.