

PAC904Ra01

Polyclonal Antibody to Glutamate Decarboxylase 1, Brain (GAD1)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 10µg(20µL)

Cross Reactivity: Mouse

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant GAD1 (Met1~Leu97 (Accession # P18088)) expressed in *E.coli*

Accession No.: RPC904Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

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

[STORAGE AND STABILITY]

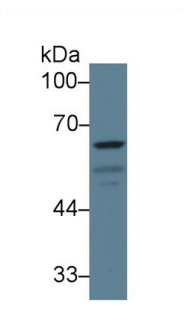
Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

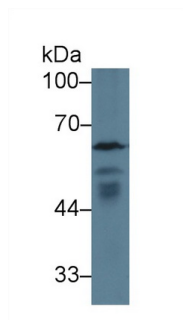


Western Blot; Sample: Rat Cerebrum
lysate;

Primary Ab: 2 μ g/ml Rabbit Anti-Rat
GAD1 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

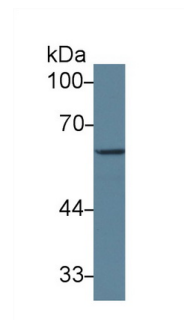


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Western Blot; Sample: Mouse
Cerebrum lysate;

Primary Ab: 2 μ g/ml Rabbit Anti-Rat
GAD1 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked
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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.