

PAA043Mu01

Polyclonal Antibody to Glial Cell Line Derived Neurotrophic Factor (GDNF)

Organism Species: *Mus musculus* (Mouse)

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: 10µL

Cross Reactivity: N/A

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant GDNF (Asp79~Leu217) expressed in *E.coli*

Accession No.: RPA043Mu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/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.

[QUALITY CONTROL]

Content: The quality control contains recombinant GDNF 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 (pH6.8), 1% SDS, 150mM NaCl, 50% glycerol, 0.02% BPB,

50mM DTT and 0.02% NaN₃.

[**STORAGE AND STABILITY**]

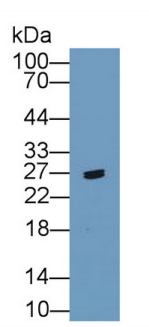
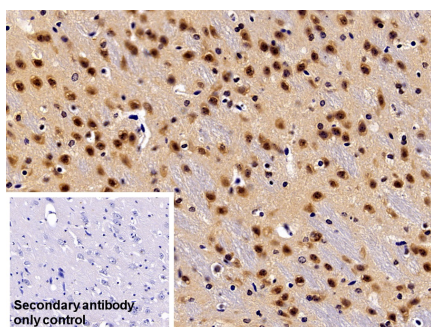
Storage: Avoid repeated freeze/thaw cycles.

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**]



DAB staining on IHC-P; Sample: Mouse

Western Blot; Sample: Mouse

Cerebrum Tissue Primary Ab: 10µg/ml

Cerebrum lysate;

Rabbit Anti-Mouse GDNF Antibody

Primary Ab: 2µg/ml Rabbit Anti-Mouse

Control: Used PBS instead of primary

GDNF Antibody

antibody Second Ab: 2?g/ml HRP-

Second Ab: 0.2µg/mL HRP-Linked

Linked Caprine Anti-Rabbit IgG

Caprine Anti-Rabbit IgG Polyclonal

Polyclonal Antibody (Catalog:

Antibody

SAA544Rb19)

(Catalog: SAA544Rb19)

[**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.