

PAA068Ra02

Polyclonal Antibody to Glial Fibrillary Acidic Protein (GFAP)

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: 100µL

Cross Reactivity: Mouse;Porcine

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant GFAP (Met1~Met430) expressed in *E.coli*

Accession No.: RPA068Ra02

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

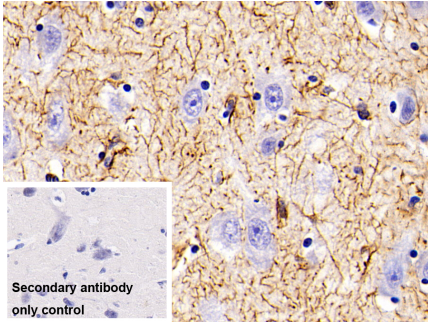
Store at 4°C for frequent use.

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

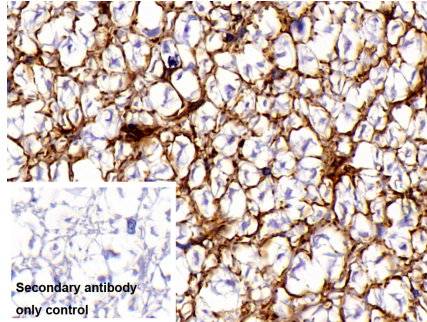
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

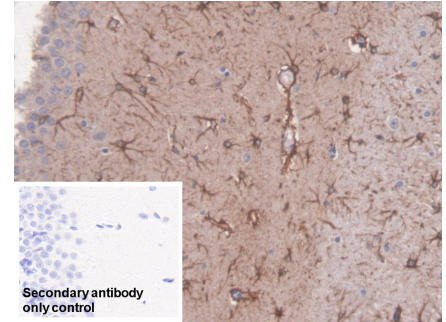
[IDENTIFICATION]



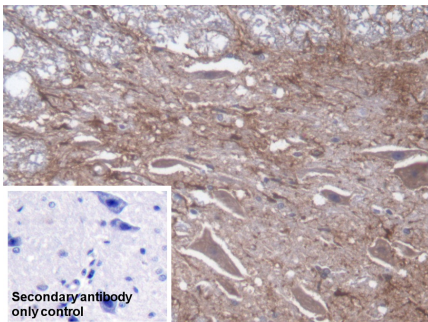
DAB staining on IHC-P; Sample: Porcine Cerebrum Tissue
 Primary Ab: 10µg/ml Rabbit Anti-Rat GFAP
 Antibody Control: Used PBS instead of primary antibody
 Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



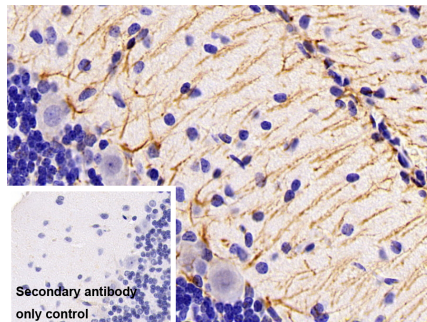
DAB staining on IHC-P; Sample: Porcine Spinal cord Tissue
 Primary Ab: 10µg/ml Rabbit Anti-Rat GFAP Antibody
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 Second Ab: 2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



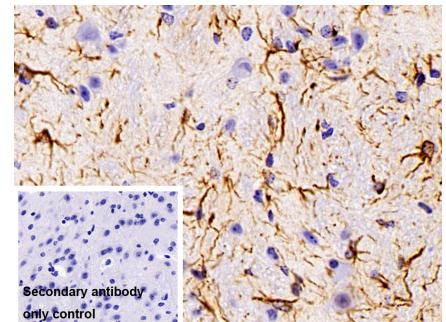
DAB staining on IHC-P; Sample: Rat Cerebrum Tissue
 Primary Ab: 20µg/ml Rabbit Anti-Rat GFAP Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Rat Spinal cord Tissue
 Primary Ab: 20µg/ml Rabbit Anti-Rat GFAP Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2µg/ml HRP-Linked

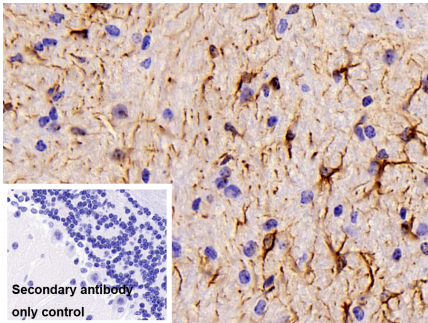


DAB staining on IHC-P; Sample: Rat Cerebellum Tissue
 Primary Ab: 10µg/ml Rabbit Anti-Rat GFAP Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2?g/ml HRP-Linked



DAB staining on IHC-P; Sample: Mouse Cerebrum Tissue
 Primary Ab: 10µg/ml Rabbit Anti-Rat GFAP Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Cerebellum Tissue

Primary Ab: 10µg/ml Rabbit Anti-Rat
GFAP Antibody

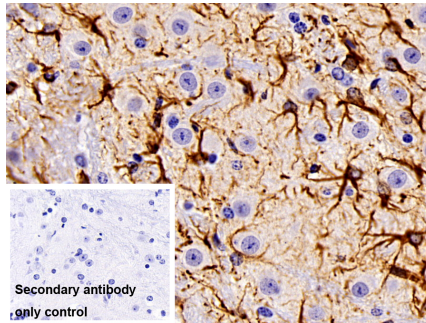
Control: Used PBS instead of primary
antibody

Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

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DAB staining on IHC-P;

Sample: Mouse Spinal cord Tissue

Primary Ab: 10µg/ml Rabbit Anti-Rat
GFAP Antibody

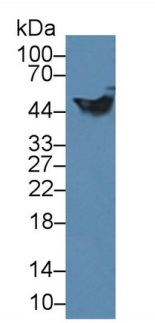
Control: Used PBS instead of primary
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Second Ab: 2?g/ml HRP-Linked

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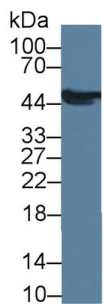
Western Blot; Sample: Rat Cerebrum
lysate;

Primary Ab: 1µg/ml Rabbit Anti-Rat
GFAP Antibody

Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Rat Cerebellum
lysate;

Primary Ab: 1µg/ml Rabbit Anti-Rat
GFAP Antibody

Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Antibody

(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.