

PAA567Hu01

Polyclonal Antibody to S100 Calcium Binding Protein B (S100B)

Organism Species: *Homo sapiens (Human)*

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: Human;Mouse

Applications: WB; IHC

[**IMMUNOGEN**]

Immunogen: Recombinant S100B (Met1~Glu92) expressed in *E.coli*

Accession No.: RPA567Hu01

[**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 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]

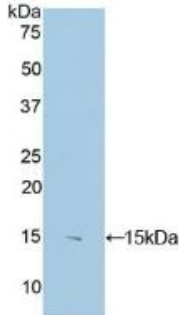
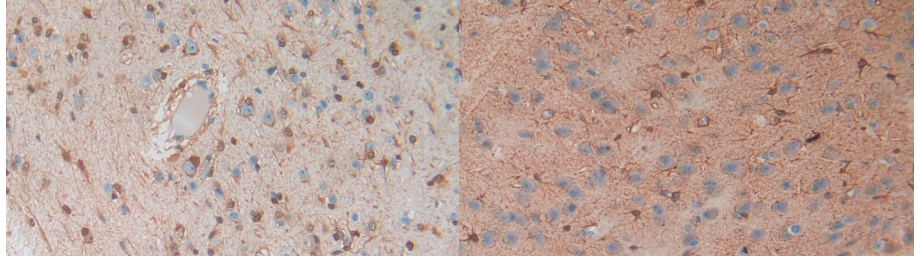
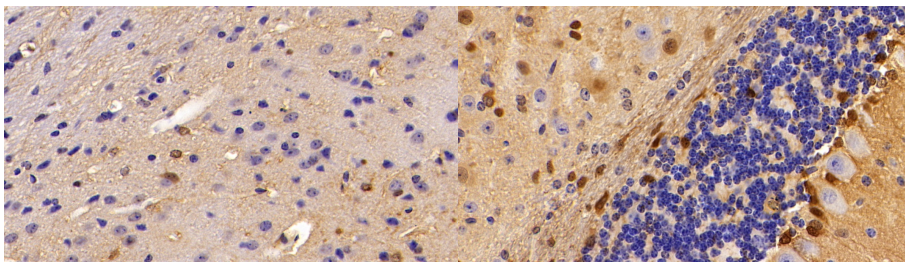


Figure. Western Blot; Sample: Recombinant S100B, Human.



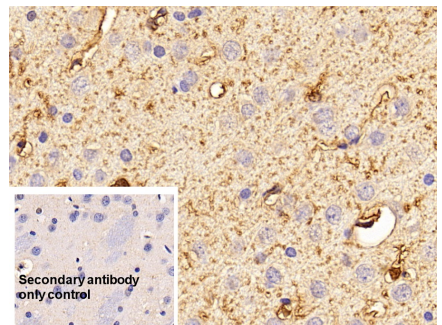
DAB staining on IHC-P; Samples: Human Cerebrum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human S100B Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Samples: Rat Cerebrum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human S100B Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

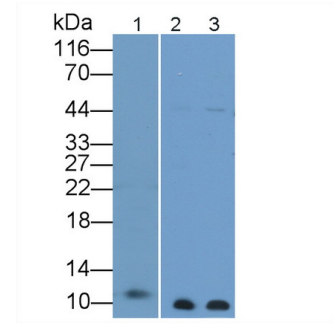
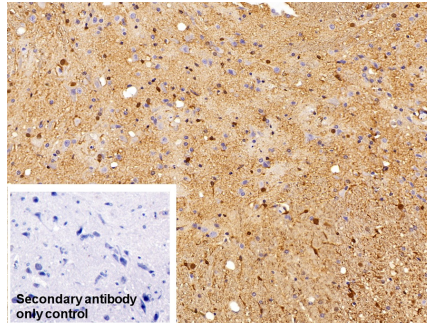
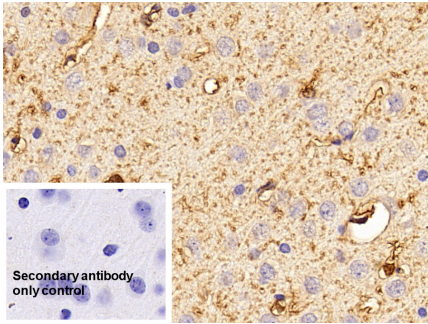


DAB staining on IHC-P; Sample: Mouse Cerebrum Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human S100B Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Sample: Mouse Cerebellum Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human S100B Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Rat Cerebrum Tissue Primary Ab: 10µg/ml Rabbit Anti-Human S100B 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: Mouse Cerebrum Tissue

Primary Ab: 20µg/ml Rabbit Anti-Human S100B 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: 10µg/ml Rabbit Anti-Human S100B Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

Western Blot; Sample: Lane1: Mouse

Cerebellum lysate; Lane2: Rat Cerebrum lysate; Lane3: Porcine Cerebrum lysate

Primary Ab: 0.2µg/ml Rabbit Anti-Human S100B 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.