

PAA421Mu01

Polyclonal Antibody to Myelin Oligodendrocyte Glycoprotein (MOG)

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: 1mL

Cross Reactivity: N/A

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant MOG (Gly29~Gly153 (Accession # Q61885)) expressed in *E.coli*

Accession No.: RPA421Mu01

[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.

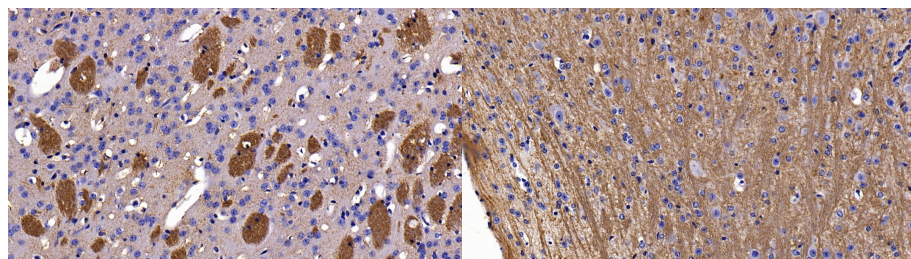
Store at 4°C for frequent use.

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.

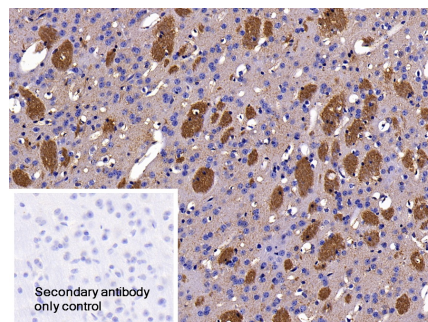
[IDENTIFICATION]



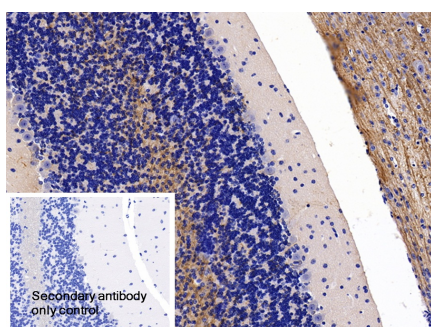
DAB staining on IHC-P; Sample: Mouse

Cerebrum Tissue; Primary Ab: 20µg/ml
Rabbit Anti-Mouse MOG Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody (Catalog: SAA544Rb19)

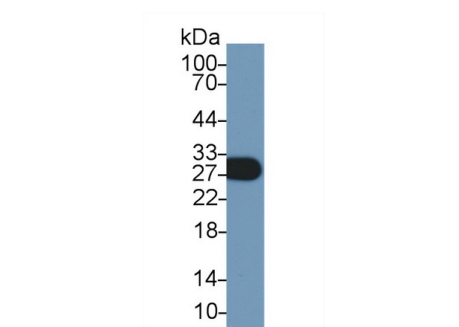
DAB staining on IHC-P;
Sample: Mouse Cerebellum Tissue;
Primary Ab: 20µg/ml Rabbit Anti-Mouse
MOG Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



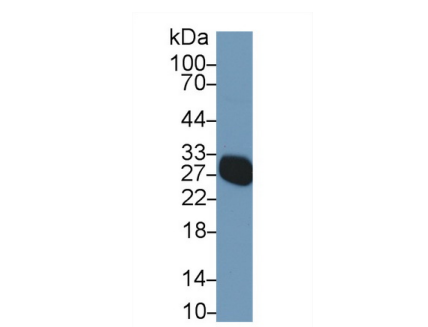
DAB staining on IHC-P;
Sample: Mouse Cerebrum Tissue
Primary Ab: 20µg/ml Rabbit Anti-Mouse
MOG Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



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



Western Blot; Sample: Mouse
Cerebellum lysate;
Primary Ab: 1µg/ml Rabbit Anti-Mouse
MOG Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody



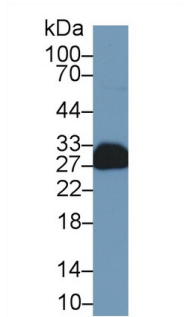
Western Blot; Sample: Mouse Serum;
Primary Ab: 1µg/ml Rabbit Anti-Mouse
MOG Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal

(Catalog: SAA544Rb19)

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Mouse

Cerebrum lysate;

Primary Ab: 1µg/ml Rabbit Anti-Mouse

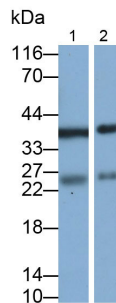
MOG Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Mouse

Cerebrum lysate; Lane2: Rat Cerebrum

lysate;

Primary Ab: 0.05µg/ml Rabbit Anti-

Mouse MOG 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.