

PAA539Mi01

Polyclonal Antibody to Myelin Basic Protein (MBP)

Organism Species: *Homo sapiens* (Human), *Mus musculus* (Mouse), *Rattus norvegicus* (Rat), *Sus scrofa*; Porcine (Pig)

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: 200µg(400µL)

Cross Reactivity: N/A

Applications: WB;IHC

[IMMUNOGEN]

Immunogen: Synthetic Peptide, MBP conjugated to OVA.Target peptide sequence: FKNIVTPRTPPPSQGK.

Accession No.: CPA539Mi21

[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.

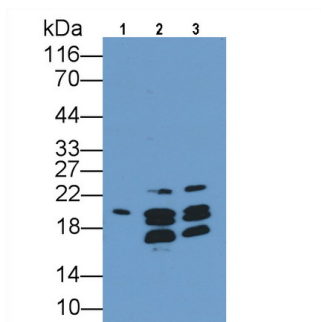
Store at 4°C for frequent use.

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

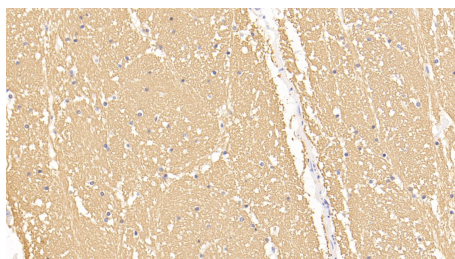
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

[IDENTIFICATION]

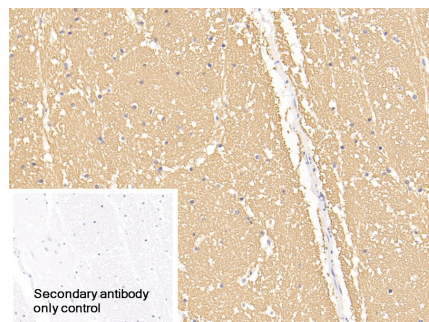


Western Blot; Sample: Lane1: Porcine Cerebrum lysate; Lane2: Rat Cerebrum lysate; Lane3: Mouse Cerebrum lysate
Primary Ab: 0.003µg/ml Rabbit Anti-Multi-species MBP Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample:

Human Cerebrum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Multi-species MBP Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Human Cerebrum Tissue
Primary Ab: 10µg/ml Rabbit Anti-Multi-species MBP Antibody
Control: Used PBS instead of primary antibody
Second Ab: 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.