PAA537Mu02

Polyclonal Antibody to Enolase, Neuron Specific (NSE)

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: 100µl

Cross Reactivity: Human;Rat

Applications: WB,IHC

[IMMUNOGEN]

Immunogen: Recombinant NSE (Ser2~Leu434) expressed in *E.coli*

Accession No.: RPA537Mu02

[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 4ºC for frequent use.

Aliquot and store at -20ºC 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]

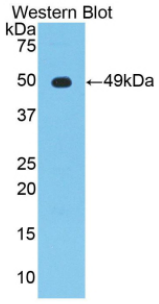
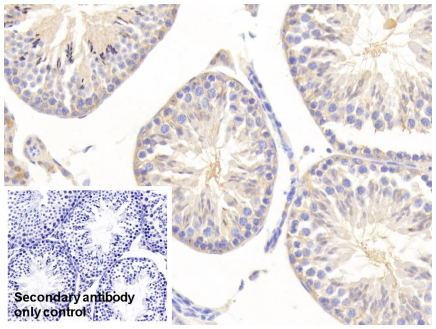
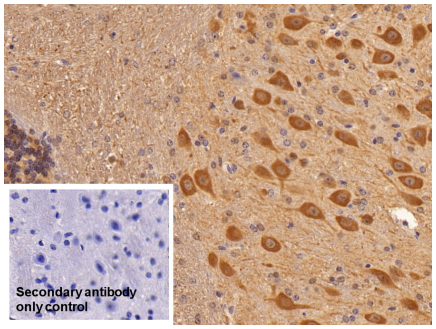


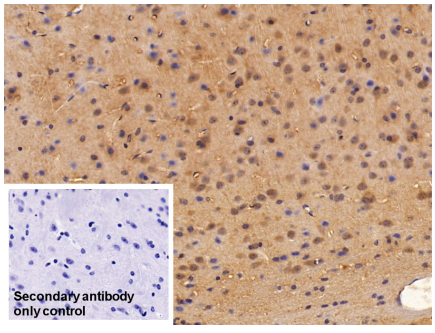
Figure. Western Blot; Sample: Recombinant NSE, Mouse.



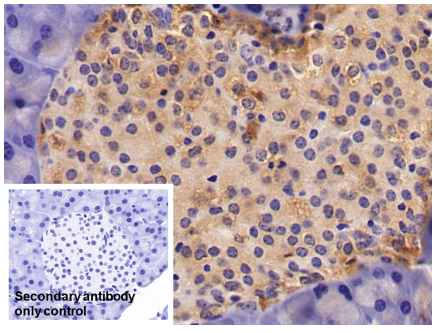
DAB staining on IHC-P; Samples: Mouse Testis Tissue; Primary Ab: 20µg/ml Rabbit Anti-Mouse NSE Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



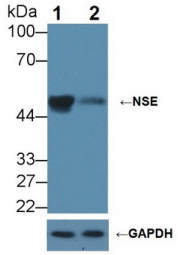
DAB staining on IHC-P; Sample: Mouse Cerebellum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Mouse NSE Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)
Secondary antibody only control: Used PBS instead of primary antibody,
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Mouse Cerebrum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Mouse NSE Antibody
Second Ab: 2µg/mL HRP-Linked



DAB staining on IHC-P; Sample: Mouse Pancreas Tissue; Primary Ab: 10µg/ml Rabbit Anti-Mouse NSE Antibody
Second Ab: 2µg/mL HRP-Linked

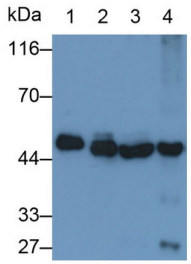


Knockout Varification:
Lane 1: Wild-type HepG2 cell lysate;
Lane 2: NSE knockout HepG2 cell lysate;
Predicted MW: 47kDa

Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)
Secondary antibody only control: Used PBS instead of primary antibody,
Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)
Secondary antibody only control: Used PBS instead of primary antibody,
Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

Observed MW: 50kDa
Primary Ab: 2μg/ml Rabbit Anti-Mouse NSE Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Mouse Cerebrum lysate; Lane2: Rat Cerebrum lysate; Lane3: 293T cell lysate; Lane4: HepG2 cell lysate
Primary Ab: 0.03μg/ml Rabbit Anti-Mouse NSE Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19) Selected

[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.