

PAA815Ra03

Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)

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: Protein A + Protein G affinity chromatography

Traits: Liquid

Concentration: 0.37mg/ml

UOM: 100µg(270µl)

Cross Reactivity: Human;Mouse

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant NOS1 (Arg726~Asp894) expressed in *E.coli*

Accession No.: RPA815Ra03

[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 PBS, pH7.4, containing 0.02% NaN₃, 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**]

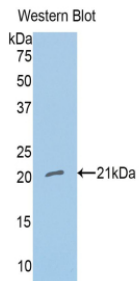


Figure. Western Blot; Sample:
Recombinant NOS1, Rat.

[**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.