

NeuN Polyclonal Antibody

Catalog: BS65790 Host: Rabbit Reactivity: Human, Mouse, Rat, Dog, Cow, Horse,

BackGround:

Vertebrate neuron-specific nuclear protein called NeuN (Neuronal Nuclei) is an excellent marker for neurons in primary cultures and in retinoic acid-stimulated P19 cells. It is also useful for identifying neurons in transplants. NeuN is a neuron-specific, DNA-binding nuclear protein in vertebrates. In mice, NeuN is observed in most neuronal cell types throughout the nervous system, including cerebellum, cerebral cortex, hippocampus, thalamus and spinal cord, as well as the dorsal root ganglia, sympathetic chain ganglia and enteric ganglia of the peripheral nervous system. NeuN immunoreactivity is first observed in neurons when they become post-mitotic and are initiating cellular and morphological differentiation. No staining is observed in proliferative zones. NeuN has been used as an immunohistochemical marker for excitotoxic lesions of the brain as well as in the diagnosis of a wide range of human tissue specimens from the central and peripheral nervous systems.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

34kDa

Swiss-Prot:

A6NFN3

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500

Storage&Stability:

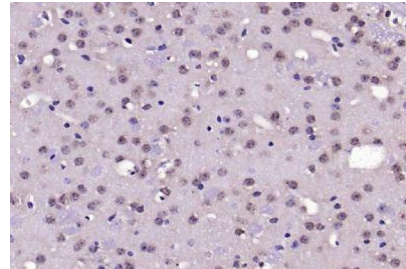
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

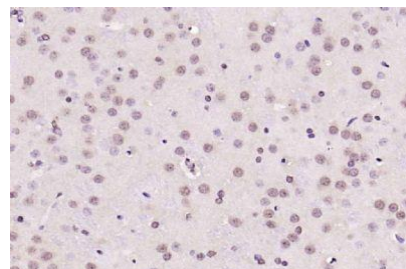
NeuN Polyclonal Antibody detects endogenous levels of

NeuN protein.

DATA:



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (NeuN) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (NeuN) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C

Note:

For research use only, not for use in diagnostic procedure.

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