

bs-1613R**[Primary Antibody]****NeuN Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

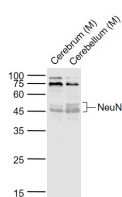
sales@bioss.com.cn

techsupport@bioss.com.cn

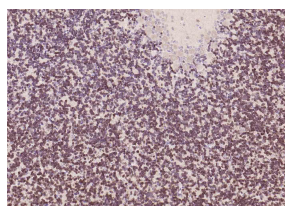
400-901-9800

— DATASHEET —

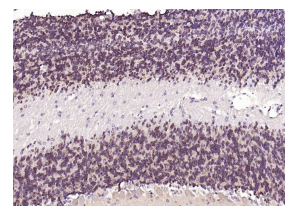
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Cow, Dog, Horse) Predicted MW.: 34 kDa Observed MW.: 46/50 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 146713	SWISS: A6NFN3	
Target: NeuN		
Immunogen: KLH conjugated synthetic peptide derived from human NeuN: 51-150/312.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a member of the RNA-binding FOX protein family which is involved in the regulation of alternative splicing of pre-mRNA. The protein has an N-terminal proline-rich region, an RNA recognition motif (RRM) domain, and a C-terminal alanine-rich region. This gene produces the neuronal nuclei (NeuN) antigen that has been widely used as a marker for post-mitotic neurons. This gene has its highest expression in the central nervous system and plays a prominent role in neural tissue development and regulation of adult brain function. Mutations in this gene have been associated with numerous neurological disorders. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2017]		

— VALIDATION IMAGES —

Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug
Lane 2: Cerebellum (Mouse) Lysate at 40 ug
Primary: Anti-NeuN (bs-1613R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 34 kD
Observed band size: 46/50 kD



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); 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; Incubation with (NeuN) Polyclonal Antibody, Unconjugated (bs-1613R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); 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; Incubation with (NeuN) Polyclonal Antibody, Unconjugated (bs-1613R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=13.281]** Yu Hei. et al. Multifunctional Immunoliposomes Enhance the Immunotherapeutic Effects of PD-L1

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Antibodies against Melanoma by Reprogramming Immunosuppressive Tumor Microenvironment. 2021 Dec 16 IF,IHC ;Mouse. 34915595

- **[IF=7.69]** Zhao Wenjuan. et al. Human APOE genotype affects intraneuronal A β 1–42 accumulation in a lentiviral gene transfer model. HUM MOL GENET. 2013 Oct;23(5):1365-1375 Other ;="Mouse". 24154541
- **[IF=5.62]** Derya Kaya. et al. Allopurinol attenuates repeated traumatic brain injury in old rats: A preliminary report. EXP NEUROL. 2022 Nov;357:114196 IHC ;Rat. 10.1016/j.expneurol.2022.114196
- **[IF=5.2]** Zhao, Wenjuan, et al. "Aging reduces glial uptake and promotes extracellular accumulation of A β from a lentiviral vector." Frontiers in Aging Neuroscience 6 (2014): 210. IHC ;="Mouse". 25177293
- **[IF=5.195]** Lu Hong. et al. Investigation of Naoluoxtong on the neural stem cells by facilitating proliferation and differentiation in vitro and on protecting neurons by up-regulating the expression of nestin in MCAO rats. J ETHNOPHARMACOL. 2022 Sep;115684 WB ;Rat. 36058480