

Biotin-conjugated NeuN Monoclonal antibody

Catalog Number: Biotin-66836

Basic Information

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| Catalog Number: Biotin-66836 | GenBank Accession Number: NM_001082575 | Purification Method: Protein G purification |
| Concentration: 1000 µg/ml | GeneID (NCBI): 146713 | CloneNo.: 3A4C1 |
| Source: Mouse | Full Name: hexaribonucleotide binding protein 3 | Recommended Dilutions: IHC: 1:50-1:500 |
| Isotype: IgG1 | | |
| Immunogen Catalog Number: AG28016 | | |

Applications

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| Tested Applications: IHC | Positive Controls: IHC : mouse brain tissue, |
| Species Specificity: Human, mouse, rat | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

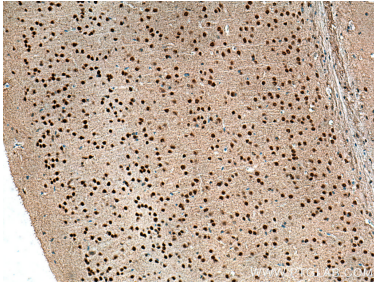
Background Information

NeuN, encoded by FOX3, is a neuron-specific nuclear protein. Anti-NeuN stains exclusively neuronal cells in the central and peripheral nervous systems, especially postmitotic and differentiating neurons, as well as terminally differentiated neurons. Anti-NeuN has been used widely as a reliable tool to detect most postmitotic neuronal cell types. The immunohistochemical staining is primarily localized in the nucleus of the neurons with lighter staining in the cytoplasm.

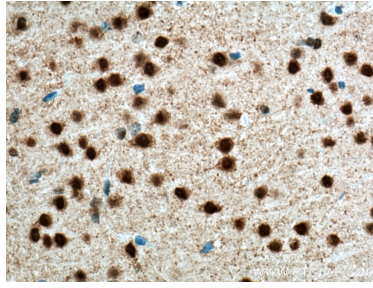
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using Biotin-66836 (NeuN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using Biotin-66836 (NeuN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).