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Anti-Monkey NeuN mAb

Catalog No.: A28654

Basic Information

Observed MW

Calculated MW
34 kDa/35 kDa

Category
Primary antibody

Applications
IHC-P

Cross-Reactivity
Cynomolgus monkey

CloneNo number
AMC50122-01

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.

Recommended Dilutions

IHC-P	1:1000 - 1:4000

Immunogen Information

Gene ID
146713

Swiss Prot
A6NFN3

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
FOX3; NEUN; FOX-3; HRNBP3

Contact

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Product Information

Source
Mouse

Isotype
IgG1. Rabbit-derived mouse chimeric antibody

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey brain tissue using Anti-Monkey NeuN mAb (A28654) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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