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NeuN Rabbit pAb

Catalog No.: A3051 2 Publications

Basic Information

Observed MW
34kDa

Calculated MW
34kDa

Category
Primary antibody

Applications
WB

Cross-Reactivity
Human, Mouse

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

WB   1:200 - 1:1000

Immunogen Information

Gene ID
146713

Swiss Prot
A6NFN3

Immunogen
A synthetic peptide of human RBFOX3

Synonyms
FOX3; NEUN; FOX-3; HRNBP3; NeuN

Contact

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Product Information

Source
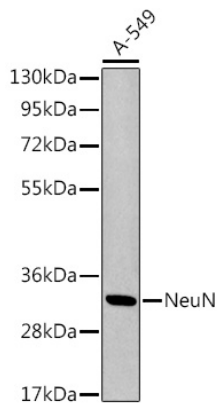Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of extracts of A549 cells, using RBFOX3 antibody (A3051).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.