

Recombinant

DGRmAb®

NeuN (DGR13944) Rabbit mAb

db12692

Package : 10µL 20µL 50µL 100µL

Product Name : NeuN (DGR13944) Rabbit mAb**Cat.No.:** db12692**Synonyms** : FOX3; NEUN; FOX-3; HRNBP3**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human NeuN

Gene ID

146713

Swiss Prot

A6NFN3

Synonyms

FOX3; NEUN; FOX-3; HRNBP3

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:500-1:2000

ICC/IF: 1:100-1:200

FC: 1:100

Calculated MW

34 kDa

Observed MW

46-55 kDa

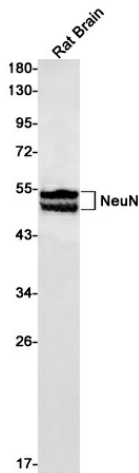
Host species

Rabbit

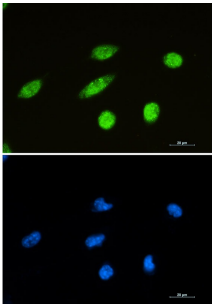
Clonality

Monoclonal

Clonality No.	DGR13944
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of NeuN in Rat Brain lysates using NeuN antibody(1:1000 diluted).



Immunofluorescent analysis of SH-SY5Y cells using db12692 antibody (green), and DAPI (blue).