

## Neurogranin Recombinant Rabbit mAb

Catalog: BS46447

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Neurogranin (NRGN) is the human homolog of the neuron-specific rat RC3/neurogranin gene. This gene encodes a postsynaptic protein kinase substrate that binds calmodulin in the absence of calcium. The NRGN gene contains four exons and three introns. The exons 1 and 2 encode the protein and exons 3 and 4 contain untranslated sequences. It is suggested that the NRGN is a direct target for thyroid hormone in human brain, and that control of expression of this gene could underlay many of the consequences of hypothyroidism on mental states during development as well as in adult subjects. [provided by RefSeq, Jul 2008]

### Product:

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.

### Molecular Weight:

14-16 kDa

### Swiss-Prot:

Q92686

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000  
IHC: 1:1000  
ICC/IF: 1:200  
IP: 1:20

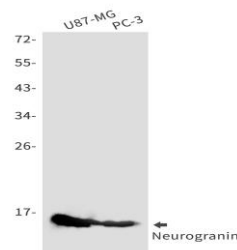
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of Neurogranin in U87-MG,PC-3 cell lysates using Neurogranin antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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