

**Product Name: Neurogranin Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02336**

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## Summary

|                        |  |
|------------------------|--|
| <b>Production Name</b> | Neurogranin Rabbit Monoclonal Antibody |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IHC-F,IHC-P,ICC/IF,IP               |
| <b>Reactivity</b>      | Human,Mouse,Rat                        |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Monoclonal Antibody  |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| <b>Purification</b> | Affinity Purified  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | NRGN  |
| <b>Alternative Names</b> | neurogranin (protein kinase C substrate; RC3); RC3; hng |
| <b>Gene ID</b>           | 4900  |
| <b>SwissProt ID</b>      | Q92686  |

## Application

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 |
| <b>Molecular Weight</b> | Calculated MW: 8 kDa; Observed MW: 14-16 kDa             |

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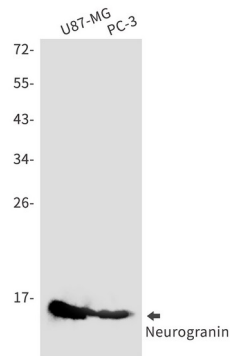
## Background

Acts as a 'third messenger' substrate of protein kinase C-mediated molecular cascades during synaptic development and remodeling.

## Research Area

Neuroscience

## Image Data



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

## Note

For research use only.