

Datasheet for ABIN1409156

**anti-Neurogranin antibody (AA 30-78) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | Neurogranin (NRGN)                                                                                                                               |
| Binding Specificity: | AA 30-78                                                                                                                                         |
| Reactivity:          | Mouse, Rat                                                                                                                                       |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This Neurogranin antibody is conjugated to HRP                                                                                                   |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human NG/Neurogranin |
| Isotype:              | IgG                                                                |
| Cross-Reactivity:     | Mouse, Rat                                                         |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse,Rabbit                                     |
| Purification:         | Purified by Protein A.                                             |

## Target Details

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Target:           | Neurogranin (NRGN)                               |
| Alternative Name: | NG/Neurogranin ( <a href="#">NRGN Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: RC3, hng, Neurogranin, Ng, NRGN<br>Background: Acts as a "third messenger" substrate of protein kinase C-mediated molecular cascades during synaptic development and remodeling. Binds to calmodulin in the absence of calcium (By similarity). |
| Gene ID:    | 4900                                                                                                                                                                                                                                                      |
| UniProt:    | <a href="#">Q92686</a>                                                                                                                                                                                                                                    |

## Application Details

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |