

Datasheet for ABIN716160

## **anti-Neuregulin 3 antibody (AA 351-450) (Cy5)**



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### Overview

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                            |
| Target:              | Neuregulin 3 (NRG3)                                                                                                               |
| Binding Specificity: | AA 351-450                                                                                                                        |
| Reactivity:          | Rat                                                                                                                               |
| Host:                | Rabbit                                                                                                                            |
| Clonality:           | Polyclonal                                                                                                                        |
| Conjugate:           | This Neuregulin 3 antibody is conjugated to Cy5                                                                                   |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

### Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human NRG3 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Rat                                                      |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Pig,Horse                            |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | Neuregulin 3 (NRG3)                    |
| Alternative Name: | NRG3 ( <a href="#">NRG3 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: HRG3, Neuregulin 3, Neuregulin 3 like polypeptide, Neuregulin-3, Neuregulin3, NRG-3, Nrg3, NRG3_HUMAN, pro NRG3, Pro-NRG3.<br><br>Background: Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors. May be a survival factor for oligodendrocytes. |
| Gene ID:    | 10718                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pathways:   | <a href="#">RTK Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                           |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| 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. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |