

Datasheet for ABIN748797

**anti-Regucalcin antibody (AA 65-160) (Cy5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | Regucalcin (RGN)                                                                                                               |
| Binding Specificity: | AA 65-160                                                                                                                      |
| Reactivity:          | Rat, Mouse                                                                                                                     |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This Regucalcin antibody is conjugated to Cy5                                                                                  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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

## Target Details

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Target:           | Regucalcin (RGN)                                  |
| Alternative Name: | Regucalcin/SMP30 ( <a href="#">RGN Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: RC, GNL, SMP30, HEL-S-41, Regucalcin, Gluconolactonase, Senescence marker protein 30, SMP-30, RGN<br><br>Background: Gluconolactonase with low activity towards other sugar lactones, including gulonolactone and galactonolactone. Can also hydrolyze diisopropyl phosphorofluoridate and phenylacetate (in vitro). Calcium-binding protein. Modulates Ca(2+) signaling, and Ca(2+)-dependent cellular processes and enzyme activities (By similarity). |
| Gene ID:    | 9104                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt:    | <a href="#">Q15493</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                                                                                                          |