

Datasheet for ABIN363263  
**anti-GRK2 antibody**

1 Image



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## Overview

|              |                                                   |
|--------------|---------------------------------------------------|
| Quantity:    | 0.25 mL                                           |
| Target:      | GRK2 (ADRBK1)                                     |
| Reactivity:  | Human, Rat, Cow                                   |
| Host:        | Mouse                                             |
| Clonality:   | Monoclonal                                        |
| Conjugate:   | This GRK2 antibody is un-conjugated               |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| Immunogen:                  | Purified recombinant human beta-ARK1            |
| Clone:                      | 5D5                                             |
| Isotype:                    | IgG1 kappa                                      |
| Specificity:                | Reacts with human ~79 kDa Beta-ARK-1            |
| Cross-Reactivity:           | Cow (Bovine)                                    |
| Cross-Reactivity (Details): | Cross reacts with proteins from bovine and rat. |
| Purification:               | Cell culture supernatant                        |

## Target Details

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Target:           | GRK2 (ADRBK1)                                                                      |
| Alternative Name: | beta-Adrenergic Receptor Kinase 1 (Beta-ARK-1) ( <a href="#">ADRBK1 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily.                                                                                                                                                                                                                                                                                           |
| Pathways:   | <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> |

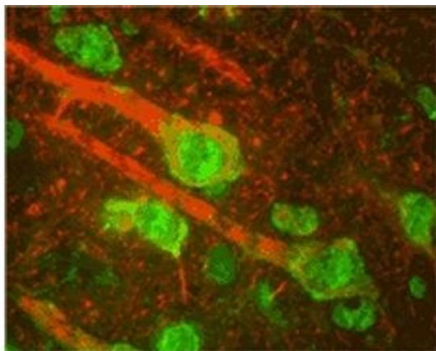
## Application Details

|                    |                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Working dilution: Optimal dilution should be determined by the end user.<br>The following are guidelines only:<br>- IHC : 1/100 - WB : 1/100 |
| Restrictions:      | For Research Use only                                                                                                                        |

## Handling

|                  |                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                   |
| Storage:         | 4 °C/-20 °C                                                                                                                              |
| Storage Comment: | Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt. |
| Expiry Date:     | 6 months                                                                                                                                 |

## Images



**mab50109 (green) versus neurofilament NF-M (red, mab50008),  
in rat cortex, showing mostly large pyramidal neurons  
Photo courtesy of Dr. Gerry Shaw, University of Florida**

**Image 1.**