

Datasheet for ABIN7176997  
**anti-GRK2 antibody (AA 1-689)**



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## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µg                              |
| Target:              | GRK2 (ADRBK1)                       |
| Binding Specificity: | AA 1-689                            |
| Reactivity:          | Mouse                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This GRK2 antibody is un-conjugated |
| Application:         | ELISA                               |

## Product Details

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Immunogen:        | Recombinant Mouse Beta-adrenergic receptor kinase 1 protein (1-689AA) |
| Isotype:          | IgG                                                                   |
| Cross-Reactivity: | Mouse                                                                 |
| Purification:     | >95%, Protein G purified                                              |

## Target Details

|                   |                                                                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | GRK2 (ADRBK1)                                                                                                                                                        |
| Alternative Name: | Grk2 ( <a href="#">ADRBK1 Products</a> )                                                                                                                             |
| Background:       | Background: Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them. |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Aliases: Grk2 antibody, Adrbk1Beta-adrenergic receptor kinase 1 antibody, Beta-ARK-1 antibody, EC 2.7.11.15 antibody, G-protein-coupled receptor kinase 2 antibody                                                                                                                                                                                                                      |
| UniProt:  | <a href="#">Q99MK8</a>                                                                                                                                                                                                                                                                                                                                                                  |
| 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: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4                                |
| 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,-80 °C                                                                                                     |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                     |