**Product Name: GRK2 Rabbit Monoclonal antibody**
**Catalog #: AMRe03015**

## Summary

| | |
|---|---|
| **Production Name** | GRK2 Rabbit Monoclonal antibody |
| **Description** | Recombinant Rabbit Monoclonal antibody |
| **Host** | Rabbit |
| **Application** | WB,IP |
| **Reactivity** | Human |

## Performance

| | |
|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Monoclonal Antibody |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| **Purification** | Affinity Purified |

## Immunogen

| | |
|---|---|
| **Gene Name** | GRK2 |
| **Alternative Names** | GRK2; BARK1; FLJ16718; BETA-ARK1; ADRBK1 |
| **Gene ID** | 156 |
| **SwissProt ID** | P25098. |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB: 1:500-1:1000 IP: 1:20 |
| **Molecular Weight** | Calculated MW: 80 kDa; Observed MW: 80 kDa |

## Background

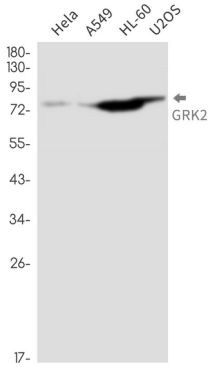
GRK2 kinase activity and cellular localization are tightly regulated by interactions with activated receptors, G-beta and G-

gamma subunits, adaptor proteins, phospholipids, caveolin and calmodulin, as well as by phosphorylation. PKC phosphorylation enhances GRK2 activity by promoting its membrane localization and by abolishing the inhibitory association of calmodulin.

## Research Area

Neuroscience

## Image Data




Western blot analysis of GRK2 in Hela, A549, HL-60, U2OS lysates using GRK2 antibody.

## Note

For research use only.