

## Antibodies Product Datasheet

|                               |                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name:</b>          | GRK 1 (Phospho-Ser21) Antibody                                                                                                         |
| <b>Catalog Number:</b>        | A0937                                                                                                                                  |
| <b>Reactivity:</b>            | Human, Mouse, Rat, Monkey                                                                                                              |
| <b>Applications:</b>          | WB, IHC-p, IF(paraffin section), ELISA                                                                                                 |
| <b>Dilutions:</b>             | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.<br>ELISA: 1/5000. Not yet tested in other applications.             |
| <b>Modification:</b>          | Phospho Specific                                                                                                                       |
| <b>Source:</b>                | Polyclonal Rabbit                                                                                                                      |
| <b>Purification:</b>          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                  |
| <b>Immunogen:</b>             | The antiserum was produced against synthesized peptide derived from human GRK1 around the phosphorylation site of Ser21. AA range:6-55 |
| <b>Concentration:</b>         | 1 mg/ml                                                                                                                                |
| <b>Gene Name:</b>             | GRK1                                                                                                                                   |
| <b>Protein Name:</b>          | Rhodopsin kinase                                                                                                                       |
| <b>Other Name:</b>            | GRK1; RHOK; Rhodopsin kinase; RK; G protein-coupled receptor kinase 1                                                                  |
| <b>Human Swiss Prot No.:</b>  | Q15835                                                                                                                                 |
| <b>Formulation:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                |
| <b>Specificity:</b>           | Phospho-GRK 1 (S21) Polyclonal Antibody detects endogenous levels of GRK 1 protein only when phosphorylated at S21.                    |
| <b>Storage and Stability:</b> | -20°C/1 year                                                                                                                           |