

## Antibodies Product Datasheet

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| <b>Product Name:</b>          | Kv1.3 (Phospho-Tyr187) Antibody                                                                                                                                        |
| <b>Catalog Number:</b>        | A1085                                                                                                                                                                  |
| <b>Reactivity:</b>            | Human, Mouse, Rat                                                                                                                                                      |
| <b>Applications:</b>          | WB, IHC-p, IF/ICC, ELISA                                                                                                                                               |
| <b>Dilutions:</b>             | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. 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 Kv1.3/KCNA3 around the phosphorylation site of Tyr135. AA range:101-150                      |
| <b>Concentration:</b>         | 1 mg/ml                                                                                                                                                                |
| <b>Gene Name:</b>             | KCNA3                                                                                                                                                                  |
| <b>Protein Name:</b>          | Potassium voltage-gated channel subfamily A member 3                                                                                                                   |
| <b>Other Name:</b>            | KCNA3; HGK5; Potassium voltage-gated channel subfamily A member 3; HGK5; HLK3; HPCN3; Voltage-gated K(+) channel HuKIII; Voltage-gated potassium channel subunit Kv1.3 |
| <b>Human Swiss Prot No.:</b>  | P22001                                                                                                                                                                 |
| <b>Formulation:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                |
| <b>Specificity:</b>           | Phospho-Kv1.3 (Y187) Polyclonal Antibody detects endogenous levels of Kv1.3 protein only when phosphorylated at Y187.                                                  |
| <b>Storage and Stability:</b> | -20°C/1 year                                                                                                                                                           |