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## Product Datasheet

### Anti-KC1 | potassium channel KAT3, Rabbit, Polyclonal AGR-AS09-515

|                          |                                                                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Anti-KC1   potassium channel KAT3, Rabbit, Polyclonal                                                                                                                                                                                                                                |
| Artikelnummer            | AGR-AS09-515                                                                                                                                                                                                                                                                         |
| Hersteller Artikelnummer | AS09-515                                                                                                                                                                                                                                                                             |
| Alternativnummer         | AGR-AS09-515                                                                                                                                                                                                                                                                         |
| Hersteller               | Agrisera                                                                                                                                                                                                                                                                             |
| Wirt                     | Rabbit                                                                                                                                                                                                                                                                               |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                                           |
| Applikation              | WB                                                                                                                                                                                                                                                                                   |
| Spezies Reaktivität      | A. thaliana                                                                                                                                                                                                                                                                          |
| Immunogen                | KLH-conjugated peptide derived from Arabidopsis thaliana KC1 protein P92960, At4g32650                                                                                                                                                                                               |
| Produktbeschreibung      | KC1 is a regulatory K <sup>+</sup> channel subunit that assembles with different inward-rectifying K <sup>+</sup> channels to affect their activities. The protein is expressed in extremely low amounts, e.g. a few hundred per cell. Alternative names: AKT4, AtKC1, potassium ... |
| Klonalität               | Polyclonal                                                                                                                                                                                                                                                                           |
| Molekulargewicht         | 75.5   75 kDa                                                                                                                                                                                                                                                                        |
| NCBI                     | <a href="#">829400</a>                                                                                                                                                                                                                                                               |
| UniProt                  | <a href="#">P92960</a>                                                                                                                                                                                                                                                               |

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reinheit               | Immunogen affinity purified serum in PBS pH 7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formulierung           | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Antibody Type          | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Verdünnung | 1 : 50 with 125I (WB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung | <p>In the work of Honsbein et al. 125I has been used for detection of KC1 since this was the only way to get enough signal after 2-phase partitioning. ECL+ has been used with the protein after expression in Sf9 insect cells (1: 1000 primary antibody dilution) and in yeast with no problem (single band detected), but these are relatively high expression systems. In native plant material ion channels are expressed in ridiculously small quantities (a few hundred proteins per cell).</p> |