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## Product Datasheet

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

Article Name	Anti-KC1   potassium channel KAT3, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS09-515
Supplier Catalog Number	AS09-515
Alternative Catalog Number	AGR-AS09-515
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana
Immunogen	KLH-conjugated peptide derived from Arabidopsis thaliana KC1 protein P92960, At4g32650
Product Description	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 ...
Clonality	Polyclonal
Molecular Weight	75.5   75 kDa
NCBI	<a href="#">829400</a>
UniProt	<a href="#">P92960</a>
Purity	Immunogen affinity purified serum in PBS pH 7.4.

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 50 with 125I (WB)
Application Notes	<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>