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## Product Datasheet

### Anti-AKT1 | Potassium channel AKT1, Rabbit, Polyclonal AGR-AS09-516

Article Name	Anti-AKT1   Potassium channel AKT1, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS09-516
Supplier Catalog Number	AS09-516
Alternative Catalog Number	AGR-AS09-516
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana
Immunogen	KLH-conjugated peptide derived from Arabidopsis thaliana AKT1 Q38998 , At2g26650
Product Description	AKT1 is a highly selective inward-rectifying potassium channel located in cell membrane, that mediates potassium uptake by plant roots in response to low potassium conditions....
Clonality	Polyclonal
Molecular Weight	96.9 kDa
NCBI	<a href="#">817206</a>
UniProt	<a href="#">Q38998</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>