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Product Datasheet

Anti-V-ATPase | Epsilon subunit of tonoplast H⁺ATPase, Rabbit, Polyclonal AGR-AS07-213

Article Name	Anti-V-ATPase Epsilon subunit of tonoplast H ⁺ ATPase, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS07-213
Supplier Catalog Number	AS07-213
Alternative Catalog Number	AGR-AS07-213
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IF, IHC, WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated synthetic peptide chosen from subunit E of plant V-ATPase including Arabidopsis thaliana UniProt: Q39258-1, TAIR: At4g11150. Peptide is conserved in vacuolar H ⁺ -ATPase subunit E, isoform 1 to 3 (VHA-E1).
Product Description	Plant vacuole V-ATPase is responsible for energization of transport of ions and metabolites, and acts as well house-keeping and as a stress response enzyme. V-ATPase is a multi-subunit enzyme composed of a membrane sector and a cytosolic catalytic se...
Clonality	Polyclonal
Molecular Weight	26 31 kDa (Arabidopsis thaliana)
NCBI	826716

UniProt	Q39258
Purity	Antigen affinity purified serum, in PBS pH 7.4
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1: 100 (IF), 1 : 50 (IHC), 1 : 2000-1 : 5000 (WB)
Application Notes	V-ATPase is very sensitive for the redox of the SDS buffer. We recommend using at least 50-100 mM DTT freshly prepared before handling the sample. Immunostaining protocol using V-ATPase antibodies can be found here.