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## Product Datasheet

### Anti-V-ATPase | Epsilon subunit of tonoplast H<sup>+</sup>ATPase, Polyclonal AGR-AS07-213

Article Name	Anti-V-ATPase   Epsilon subunit of tonoplast H <sup>+</sup> ATPase, 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 <sup>+</sup> -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	<a href="#">826716</a>
UniProt	<a href="#">Q39258</a>

Purity	Serum
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 <a href="#">here</a> .