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Product Datasheet

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

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| Article Name | Anti-V-ATPase Epsilon subunit of tonoplast H ⁺ 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 ⁺ -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 |

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 here . |