

Agrisera

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Product no **AS09 577A**

V-ATPase | epsilon subunit of tonoplast H⁺ATPase (affinity purified, goat antibody)

Product information

Immunogen	KLH-conjugated synthetic peptide chosen from subunit E of plant V-ATPase including <i>Arabidopsis thaliana</i> At4g11150. Peptide is conserved in vacuolar H ⁺ -ATPase subunit E, isoform 1 to 3 (VHA-E1).
Host	Goat
Clonality	Polyclonal
Purity	Affinity purified serum in PBS, pH 7.4
Format	Lyophilized
Quantity	200 µg
Reconstitution	For reconstitution add 100 µl of sterile water.
Storage	Store lyophilized/reconstituted at -20 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1 : 1000-1 : 3000 (WB)
Expected apparent MW	26 31 kDa (<i>Arabidopsis thaliana</i>)
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Avena strigosa</i> , <i>Medicago truncatula</i> , <i>Nicotiana tabacum</i> , <i>Solanum lycopersicum</i>
Predicted reactivity	Algae, <i>Chlamydomonas reinhardtii</i> , <i>Hordeum vulgare</i> , <i>Malus domestica</i> , <i>Mesembryanthemum sp.</i> , <i>Oryza sativa</i> , <i>Petunia sp.</i> , <i>Phaseolus sp.</i> , <i>Physcomitrella patens</i> , <i>Pteris vittata (fern)</i> , <i>Ricinus communis</i> , <i>Thellungiella sp.</i> , <i>Zea mays</i> , <i>Vitis vinifera</i> Bull frog, Chicken, Bovine, <i>Drosophila melanogaster</i> , Human, Mouse, Rat Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known.
Additional information	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. 2 hours incubation with primary antibody is recommended over over night incubation which can contribute to increased background. For high resolution images, please visit the specific product page at www.agrisera.com