

Product no **AS09 497****V-ATPase, D | Vacuolar H<sup>+</sup>-ATPase subunit D****Product information**

**Immunogen** | KLH-conjugated synthetic peptide conserved in *Arabidopsis thaliana* V-ATPase subunit D UniProt: [Q9XGM1](#), TAIR: [At3g58730](#)

**Host** | Rabbit

**Clonality** | Polyclonal

**Purity** | Serum

**Format** | Lyophilized

**Quantity** | 100 µl

**Reconstitution** | For reconstitution add 100 µl of sterile water

**Storage** | Store lyophilized/reconstituted at -20°C; make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Additional information** | 0.1 % sodium azide is added as preservative. For antibody re-suspending information check the tube label.

Antibodies will detect target protein in a few µg of a crude preparation loaded per well. If purified preparations of vacuolar and plasma membranes are used, one µg load per well should be sufficient.

**Application information**

**Recommended dilution** | 1 : 8000 (ELISA), 1 : 2000 (WB)

**Expected | apparent MW** | 29 | 29 kDa

**Confirmed reactivity** | *Arabidopsis thaliana*

**Predicted reactivity** | *Sorghum bicolor*, *Zea mays*  
Species of your interest not listed? [Contact us](#)

**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known

**Additional information** | Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel.

Diluted antibody solution can be used 2 to 3 times within one month if it contains 0.1 % sodium azide as preservative and is stored at -20°C to -80°C.