

This product is for research use only (not for diagnostic or therapeutic use)

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#### Product no AS15 2995

# SPSA1 | Sucrose phosphate synthase isoform A1

#### **Product information**

KLH-conjugated synthetic peptide derived from Arabidopsis thaliana SPSA1 sequence, Uniprot: Q56X42, TAIR: Immunogen

**Host** Rabbit

Clonality Polyclonal

**Purity** Immunogen affinity purified serum in PBS pH 7.4.

Format Lyophilized

Quantity 50 μg

**Reconstitution** For reconstitution add 50 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 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.

# **Application information**

Expected | apparent

117,3 kDa

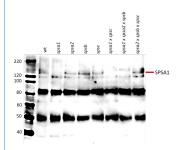
Predicted reactivity

Arabidopsis alpina, Brassica napus, Eutremas alsugineum, Glycine max, Glycine soja

Species of your interest not listed? Contact us

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

### **Application example**



Proteins were isolated from Arabidopsis thaliana wilde-type and SPS mutants were solubilized with 3X LB (6 M urea, 12% SDS, 30% glycerol, 100 mM DTT, 150 mM Tris pH7.0, 0.8% Comassie G-250). 12 µg of proteins were loaded into each lane and separated on 8% SDS-PAGE, and then blotted overnight onto PVDF membrane. Membranes were blocked with milk powder for 2 h and then incubated in the primary antibody solution (AS01 004, 1: 1 000) overnight, which was then decanted and the membrane was washed 3 times for 5 min in TBST. Membrane was incubated at RT for 1 hour in 1:10 000 goat anti-Rabbit secondary antibody (AS09 602), followed by washing steps as above. Membrane was developed for 2 min with Agrisera ECL Bright according to the manufacturer's instructions and recorded using FujiFilm CCD camera with 10 s increment time for around 5 min.