



**Product:** Anti-SPS (sucrose phosphate synthase)

**Product no:** AS03 035

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**Product Information**

**Antibody clonality:** Polyclonal

**Raised in:** Hen

**Purity:** Total IgY in PBS pH 8  
and 0,02 % sodium  
azide

**Quantity:** 200 µl

**Antibody form:** Liquid. Please, remember to  
spin tubes briefly prior to opening them to avoid any losses that  
might occur from liquid or lyophilized material adhering to the cap or  
sides of the tubes.

**Storage instructions:** 4°C.

**Background**

Sucrose phosphate synthase (SPS) is one of  
the key enzymes in the sucrose biosynthesis  
pathway. It catalyzes an essential and  
regulated reaction in the pathway of sucrose  
synthesis:

UDPglucose + Fructose 6-phosphate « UDP  
+ Sucrose 6'-phosphate

**Immunogen:** Peptide target conserved  
in all SPS isoforms from *Arabidopsis  
thaliana*.

**Application information:**

**Western Blot:** 1: 2 000 with ECL system.

**Reactivity:** Specific detection of four *Arabidopsis thaliana* SPS fusion proteins  
overexpressed in *E.coli*.

**MW:** 120 kDa

*Antibodies are intended for the research use only not for diagnostic or therapeutic use.*

Distributor



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Inspiration for Life Science

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