Product name: Anti-Sucrose-Phosphate Synthase, Plant antibody

Description: Rabbit polyclonal to Sucrose-Phosphate Synthase, Plant

Host species: Rabbit

Specificity: This antibody recognizes plant Sucrose-Phosphate Synthase proteins including those of sugarcane and maize.

Tested applications: Suitable for: WB

Species reactivity: Reacts with: Species independent

Immunogen: Recombinant fragment (His-tag) corresponding to Sucrose-Phosphate Synthase, Plant (C terminal). Sugarcane. (C-terminal 362 amino acids with His6 Tag at the N-terminus; Purified). Database link: P93782

Positive control: WB: Maize leaf extract.

Form: Liquid


Storage buffer: Constituents: PBS, 50% Glycerol

Purity: Protein A/G purified

Purification notes: Filter sterilized.

Clonality: Polyclonal

Isotype: IgG

Our Abpromise guarantee covers the use of ab243200 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Sucrose-phosphate synthase (SPS) plays a major role in photosynthetic sucrose synthesis by catalyzing the rate-limiting step of sucrose biosynthesis from UDP-glucose and fructose-6-phosphate. SPS is involved in the regulation of carbon partitioning in the leaves of plants. It may regulate the synthesis of sucrose and therefore play a major role as a limiting factor in the export of photo-assimilates out of the leaf. It plays a role for sucrose availability that is essential for plant growth and fiber elongation. It is required for nectar secretion.

Anti-Sucrose-Phosphate Synthase, Plant antibody (ab243200) at 1/500 dilution + Maize leaf extract at 20 µg

Secondary
Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/10000 dilution

Predicted band size: 116 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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