

Product: Anti-Hsp 17.6 (class I cytosolic)

Product no: AS08 284

Antibodies for plant sciences

Product Information

Antibody clonality: Polyclonal

Raised in: Hen

Purity: Total IgY in PBS pH 8
Contains 0.02 % sodium azide as preservative

Concentration: 32.2 μ g/ μ l

Quantity: 200 μ l

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
Make aliquots instead of using the same aliquote.

Application information:

Western Blot: 1: 1 000 with ECL

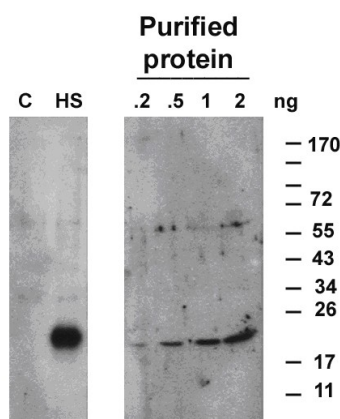
MW: 17.6 kDa

Reactivity: *Arabidopsis thaliana* (tested so far)

Background

Hsp17.6 belongs to a family of class I of a small heat shock proteins. They are induced once a plant cells are stressed by an increased temperature. The way small hsp proteins are protecting a living cell are not fully understood. They seem to be involved in chaperone functions by protecting other proteins from irreversible denaturation. Small hsp function also in a late seed maturation process.

Immunogen: Recombinant protein. *Arabidopsis thaliana* Hsp17.6 CI (class one)
Gene accession number: At1g53540



From left to right: 10 μ g of a total protein from C- control and HS- heat shocked plants.

Samples and marker were resolved on 15 % SDS gels and blotted to nitrocellulose filters (Biorad) using buffers and conditions as described by the manufacturers. Filters were probed with serum diluted 1:1,000 and secondary HRP-conjugated antibody (1:10,000, Abcam) detected by ECL (Thermo Scientific) according to the recommendations of the manufacturers. Image was acquired with indicated exposure time on X-ray film (Kodak).

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

Product support: inquiry@agrisera.com, <http://www.agrisera.com>