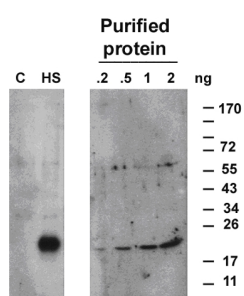


Product no **AS08 284****HSP17,6 | Cytosolic class I heat shock protein 17,6 (chicken antibody)****Product information**

<b>Immunogen</b>	Recombinant protein derived from a sequence <i>Arabidopsis thaliana</i> HSP17.6 Ci (class one) UniProt: <a href="#">P13853</a> , TAIR: <a href="#">At1g53540</a>
<b>Host</b>	Chicken
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified, total IgY (chicken egg yolk immunoglobulin) in PBS pH 8. Contains 0.02 % sodium azide.
<b>Format</b>	Liquid
<b>Quantity</b>	200 µl
<b>Storage</b>	Store at 4°C; make aliquots to avoid working with a stock. 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** | Total IgY concentration is 32,2 µg/µl**Application information****Recommended dilution** | 1 : 1000 (WB)**Expected | apparent MW** | 17,6 kDa**Confirmed reactivity** | *Arabidopsis thaliana***Not reactive in** | No confirmed exceptions from predicted reactivity are currently known**Additional information** | There are six total class I genes, Essentially this antibody might react to some extent with all of them, But does not react with class II, organelle, or any other shsp classes**Selected references** | [Mao](#) and Sun (2015). Arabidopsis seed-specific vacuolar aquaporins are involved in maintaining seed longevity under the control of ABSCISIC ACID INSENSITIVE 3. J Exp Bot. 2015 May 26. pii: erv244.**Application example**

**10 µg of total protein** from (C) *Arabidopsis thaliana* WT, non-stressed, (HS) *Arabidopsis thaliana* WT stressed at 38°C were separated on **15% SDS-PAGE** and blotted 1h to **nitrocellulose** (Biorad). Blots were incubated in the primary antibody at a dilution of 1: 1 000 for 1h at room temperature with agitation and a secondary HRP-conjugated antibody (1: 10 000).