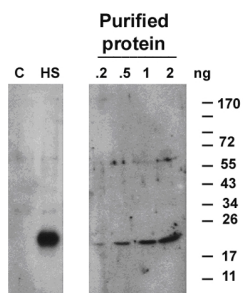


Product no **AS08 284****Anti-HSP17,6 | Cytosolic class I heat shock protein 17,6 (chicken antibody)****Product information**

| | |
|-------------------------------|---|
| Immunogen | Recombinant protein derived from a sequence <i>Arabidopsis thaliana</i> HSP17.6 Ci (class one) UniProt: P13853 , TAIR: At1g53540 |
| Host | Chicken |
| Clonality | Polyclonal |
| Purity | Purified total IgY (chicken egg yolk immunoglobulin) in PBS pH 8. Contains 0.02 % sodium azide. |
| Format | Liquid |
| Quantity | 200 µl |
| Storage | 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 | <i>Arabidopsis thaliana</i> |
| 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).