

This product is for research use only (not for diagnostic or therapeutic use)

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# Product no AS08 283

# HSP101 | ClpB heat shock protein, N-terminal (chicken antibody)

#### **Product information**

Immunogen recombinant Arabidopsis thaliana Hsp101/ClpB, N-terminal 145 amino acids UniProt: P42730, TAIR: At1g74310

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.

### **Application information**

Recommended dilution 1:1000 (WB)

Expected | apparent 101 kDa

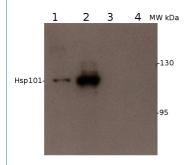
Confirmed reactivity Arabidopsis thaliana

Predicted reactivity Glycne max, Nicotiana tabacum, Vitis vinifera

Species of your interest not listed? Contact us

Not reactive in No confirmed exceptions from predicted reactivity are currently known

# Application example



2 μg of total protein from (1) Arabidopsis thaliana WT stressed at 22°C, (2) Arabidopsis thaliana WT stressed at 38°C for 1.5 hour followed by a transfer to 22° for 2 hours, (3) Arabidopsis thaliana Hsp101 null mutnat grown at 22°C, (4) Arabidopsis thaliana Hsp101 null mutant stressed at 38°C for 1.5 hour followed by a transfer to 22°C for 2 hours were separated on 8 % 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).