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Product Datasheet

Anti-HSP101 | ClpB heat shock protein, C-terminal, Rabbit, Polyclonal AGR-AS08-287

Article Name	Anti-HSP101 ClpB heat shock protein, C-terminal, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS08-287
Supplier Catalog Number	AS08-287
Alternative Catalog Number	AGR-AS08-287
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana
Immunogen	Recombinant protein of Arabidopsis thaliana Hsp101/ClpB, C-terminal 145 amino acids UniProt: P42730, TAIR: At1g74310
Product Description	Hsp101/ClpB is a member of HSP100 protein family. These proteins help protein aggregates formed during heat stress to fall apart to allow them to be refolded by other chaperones. In spite of expression during heat stress members of HSP100 protein fam...
Clonality	Polyclonal
Molecular Weight	101 kDa
NCBI	843771
UniProt	P42730
Purity	Serum

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 1000 (WB)
Application Notes	When using this antibody on a new species with this antibody perform a following experiment: prepare a leaf extract from a leaf without stress and one that has been heat stressed as follows: Take a whole leaf (in the case of plants with small leaves, like <i>Arabidopsis thaliana</i>), or part of a leaf and place on wet filter paper in a petri dish. Heat stress in the dark at 38C/90 minutes to 2 hours and then allow to recover for 2 hours at room temperature in low light (leave it on the lab bench). You should be able to load 10 ug for western blotting and compare the non-heat stressed to the heat stressed sample. Use <i>Arabidopsis thaliana</i> leaf as a positive control. Following such treatment 1 ug of a total protein from <i>Arabidopsis thaliana</i> allows detection of HSP101.