

Datasheet for ABIN249370

anti-Heat-Shock Protein 101 (HSP101) (C-Term) antibody



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Overview

Quantity:	50 µL
Target:	Heat-Shock Protein 101 (HSP101)
Binding Specificity:	C-Term
Reactivity:	Arabidopsis thaliana, Agave tequilana, Cucumber
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of Arabidopsis thaliana Hsp101/ClpB, C-terminal 145 amino acids P42730, At1g74310
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity known in the moment
Predicted Reactivity:	Citrus sinensis, Glycine max, Nicotiana tabacum, Oryza sativa, Populus trichocarpa, Triticum aestivum, Vitis vinifera
Characteristics:	Expected / apparent Molecular Weight of the Antigen: 101 kDa
Purification:	serum

Target Details

Target:	Heat-Shock Protein 101 (HSP101)
Alternative Name:	HSP101 (HSP101 Products)

Target Details

Background:	AGI Code: At1g74310 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 family are also expressed during seed development.
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Molecular Weight:	101 kDa
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UniProt:	P42730
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Application Details

Application Notes:	1: 1000 with standard ECL (WB)
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	For reconstitution add 200 µL of sterile water.
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Handling Advice:	Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes. Once reconstituted make aliquots to avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
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