

Product datasheet

Anti-Hsp101 antibody - C-terminal ab80121

1 References 1 Image

Overview

Product name	Anti-Hsp101 antibody - C-terminal
Description	Rabbit polyclonal to Hsp101 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Arabidopsis thaliana
Immunogen	Recombinant fragment from the C-terminal of <i>Arabidopsis thaliana</i> Hsp101.
Positive control	Arabidopsis thaliana WT lysate stressed at 38°C for 1.5 hours.
General notes	ab80121 also reacts with <i>Agave tequilana</i> (monocot).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: None Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab80121** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB

Application notes WB: 1/1000 with ECL. Predicted molecular weight: 101 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

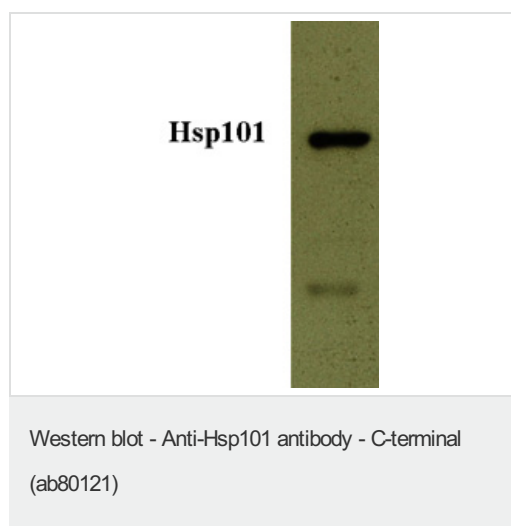
Relevance

Hsps/chaperones are known to be expressed in plants not only when they experience high temperatures stress, but also in response to a wide range of other environmental stresses such as water stress, salt stress, cold stress and oxidative stress. Hsp100 is one such major class that acts as a chaperone. Hsp101 is a member of this Hsp100 family. These proteins help dissociate protein aggregates formed during heat stress 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.

Cellular localization

Cytoplasmic

Images



Anti-Hsp101 antibody - C-terminal (ab80121)
+ Lysates prepared from Arabidopsis species.

Predicted band size: 101 kDa

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