

Product datasheet

Anti-Hsp101 antibody ab80169

1 Image

Overview

Product name	Anti-Hsp101 antibody
Description	Rabbit polyclonal to Hsp101
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Zea mays (maize). No reactivity to other cereal.
Immunogen	Fifteen amino acid peptide sequence from the C terminus of maize Hsp101 (AF077337).
Positive control	Mature maize embryo extracts.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab80169** 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
WB		

Application notes	WB: 1/2000 with ECL or AP. Predicted molecular weight: 101 kDa.
	Not yet tested in other applications.
	Optimal dilutions/concentrations should be determined by the end user.

Target

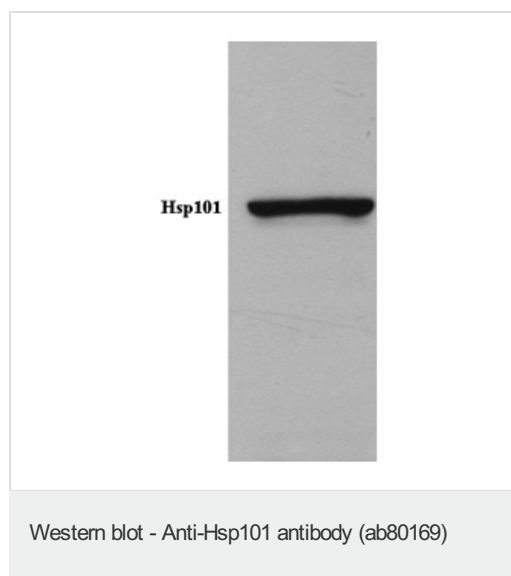
Relevance

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 (ab80169) + Maize lysates

Predicted band size: 101 kDa

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