

Product datasheet

Anti-HSP21 antibody ab80175

3 References

Overview

Product name	Anti-HSP21 antibody
Description	Rabbit polyclonal to HSP21
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Arabidopsis thaliana
Immunogen	Recombinant HSP21 protein
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Lyophilized:For reconstitution add 50 µl of sterile water.
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Constituents: Whole serum, PBS
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab80175 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		Use at an assay dependent concentration. (ECL)

Target

Relevance HSP21 is a chloroplast localized small heat shock protein. Small heat shock proteins appear to be involved in chaperone functions by protecting other proteins from irreversible denaturation and are produced late in the seed maturation process. HSP21 has also been shown to protect Photosystem II from temperature dependent oxidative stress as well as having a role in fruit reddening and the conversion of chloroplasts to chromoplasts.

Cellular localization Cytoplasmic

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