

Product datasheet

Anti-HSP21 antibody ab80175

2 References

Overview

Product name	Anti-HSP21 antibody
Description	Rabbit polyclonal to HSP21
Host species	Rabbit
Species reactivity	Reacts with: Arabidopsis thaliana
Immunogen	Recombinant HSP21 protein
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as 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

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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