



Anti-Dehydrin antibody ab22681

Overview

Product name	Anti-Dehydrin antibody
Description	Rabbit polyclonal to Dehydrin
Host species	Rabbit
Specificity	The sequence is completely conserved in barley, rice, maize and wheat.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Plants
Immunogen	Synthetic peptide corresponding to Dehydrin aa 150 to the C-terminus (C terminal) conjugated to bovine serum albumin. Based on a dehydrin consensus sequence, Database link: A2ZDX9
	 Run BLAST with  Run BLAST with
Positive control	Corn lysate.
General notes	<p>This antibody detects the K-segment of dehydrins.</p> <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	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 50% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Primary antibody notes	This antibody detects the K-segment of dehydrins.
Clonality	Polyclonal

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab22681 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		1/1000 - 1/5000. Detects a band of approximately 65 kDa.

Target

Relevance

Dehydrins are a family of proteins that become abundant during dessication in seedlings and embryos of cereal crop plants including barley, corn, wheat and rice. Dehydrin proteins have a highly conserved lysine-rich block found near the carboxy terminus which may be present in one or more copies in the protein. Dehydrins have been observed in a wide range of Angiosperms, and possibly all plants can synthesize dehydrins. The number and size of dehydrins varies widely between species, ranging from 15 to 150 kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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