

Product datasheet

Anti-Wheat Germ Agglutinin antibody ab178444

★★★★☆ [1 Abreviews](#) [2 References](#)

Overview

Product name	Anti-Wheat Germ Agglutinin antibody
Description	Rabbit polyclonal to Wheat Germ Agglutinin
Host species	Rabbit
Tested applications	Suitable for: Immunoelectrophoresis, Immunodiffusion
Species reactivity	Reacts with: Wheat
Immunogen	Full length protein corresponding to Wheat Germ Agglutinin. Triticum vulgare Wheat germ agglutinin.

General notes

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.05% Sodium azide Constituent: 99% PBS
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab178444 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
Immunoelectrophoresis		Use at an assay dependent concentration.
Immunodiffusion		Use at an assay dependent concentration.

Target

Relevance

WGA is a N acetylglucosamine specific lectin and is synthesized in developing and germinating embryos, roots and meristematic part of the leaves. Lectin interaction with certain carbohydrates are as specific as enzyme to substrate or antigen to antibody interactions and have been used to study protein glycosylation. WGA has been reported to have a role in dormancy and plant defence, but its characteristic biochemical properties and its predominance in growing and meristematic tissues, and its osmotic- and drought-stress inducibility suggest that this protein might be involved in a much wider range of functions.

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
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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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