

Product datasheet

Anti-Glucose Oxidase antibody ab34679

Overview

Product name	Anti-Glucose Oxidase antibody
Description	Rabbit polyclonal to Glucose Oxidase
Host species	Rabbit
Tested applications	Suitable for: WB, Dot blot, ELISA, IP
Species reactivity	Reacts with: <i>Aspergillus niger</i>
Immunogen	Glucose Oxidase (<i>Aspergillus niger</i>).
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	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
Purity	IgG fraction
Purification notes	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process including delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against buffer. Product is sterile filtered.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab34679 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. Predicted molecular weight: 65 kDa.
Dot blot		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

Target

Relevance Glucose Oxidase is widely used for the determination of glucose in body fluids and in removing residual glucose or oxygen from foods and beverages. Glucose Oxidase producing moulds such as *Aspergillus* and *Penicillium* species are used for the biological production of gluconic acid. CATALYTIC ACTIVITY: Beta D glucose + O₂ = D glucono 1,5 lactone + H₂O₂.

Cellular localization Secreted

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
- Extensive multi-media technical resources to help you
- 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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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors