

## Product datasheet

### HRP Anti-GST antibody ab3416

★★★★★ [3 Abreviews](#) [30 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	HRP Anti-GST antibody
<b>Description</b>	HRP Rabbit polyclonal to GST
<b>Host species</b>	Rabbit
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Full length native protein (purified) corresponding to Schistosoma japonicum GST. Glutathione-S-transferase (GST) from Schistosoma japonicum.
<b>General notes</b>	<p>Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.</p> <p>It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.</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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.00 Constituents: 3% Sodium deoxycholate, 3% Triton-X-100, 0.3% Tris HCl, 15% Sodium chloride
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Immunoaffinity purified using GST immobilized on a solid support.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab3416 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

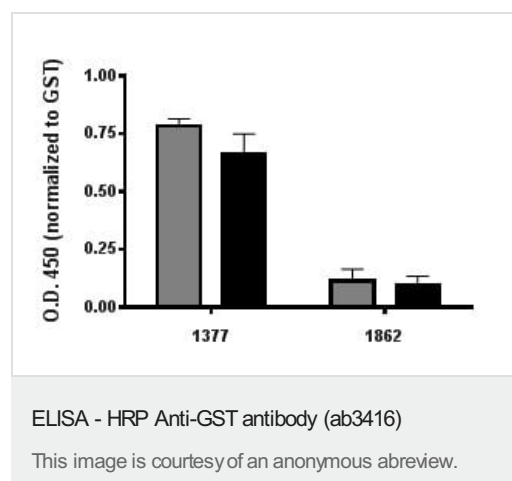
Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/5000.
ELISA	★★★★★ (2)	1/10000 - 1/25000.

## Target

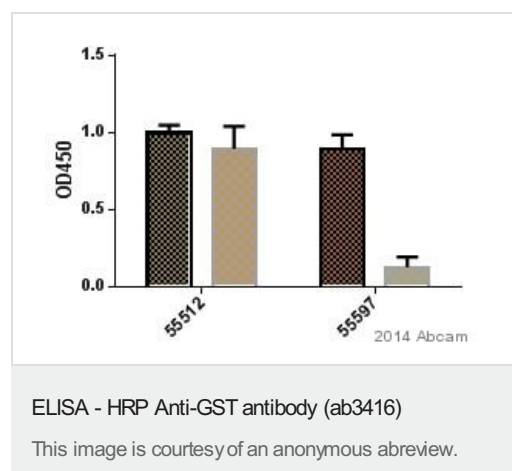
### Relevance

GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

## Images



Graph of ELISA measuring levels of bound GST-tagged mosquito proteins. 5g of target protein was coated onto an ELISA plate and incubated overnight at 4°C. The plate was washed and GST-tagged mosquito proteins were incubated for an hour at RT. The proteins were washed off, GST-HRP antibody (ab3416) was diluted 1/5000 in 1%BSA in PBS and added for 30 min at RT. The plate was washed and TMB substrate was added for 20 min at RT. Stop solution was added and the O.D. of the wells read at 450 nm.



Graph of ELISA measuring levels of bound GST-tagged mosquito proteins. 5g of target protein was coated onto an ELISA plate and incubated overnight at 4°C. The plate was washed and GST-tagged mosquito proteins were incubated for an hour at RT. The proteins were washed off, GST-HRP antibody (ab3416) was diluted 1/5000 in 1%BSA in PBS and added for 30 min at RT. The plate was washed and TMB substrate was added for 20 min at RT. Stop solution was added and the O.D. of the wells read at 450 nm.

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

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- 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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