

Datasheet

OVERVIEW AND PROPERTIES

Product Name	PtX™ Rabbit Anti-GST Recombinant Antibody
Catalogue Number	CBT_A0001
Expression Host	<i>Nicotiana benthamiana</i> plants
Clonality	Monoclonal, recombinant
Species and Isotype	Rabbit IgG1
Tag	None
Reporter Protein	None
Description	This product is a full-length Rabbit IgG1 recombinant antibody specific to the GST Tag. It was produced in <i>Nicotiana benthamiana</i> plants via <i>Agrobacterium tumefaciens</i> mediated infiltration.
Target name	Glutathione-S-Transferase (GST)
Verified Applications	Western blot, ELISA
Dilution Range	Western blot (1: 5 000-1: 10 000) ELISA (1: 20 000-1: 100 000)
Concentration	1.0 mg/ml
Form	Liquid
Colour	Clear to light yellow
Preparation	Ready to use
Storage	Short-term (up to one week): 2 – 8 °C Long term: Aliquot and store at – 20 °C Store immediately. Aliquot and avoid multiple freeze-thaw cycles.
Storage buffer	0.1 M Phosphate Buffered Saline, pH 7.4 Preservative: None
Purification notes	This product was purified using Protein A affinity chromatography.
Purity	≥ 90 % as determined by SDS-PAGE 98.94% as determined by Mass Spectrometry
General notes	If for any reason the product does not perform as specified, please contact our scientific support team for assistance by emailing sales@capebiologix.com .

Cape Biologix Technologies (Pty) Ltd.

Address: Unit 3, The Powder Mill, 5 Sunrise Circle,
Ndabeni, Cape Town, South Africa, 7405

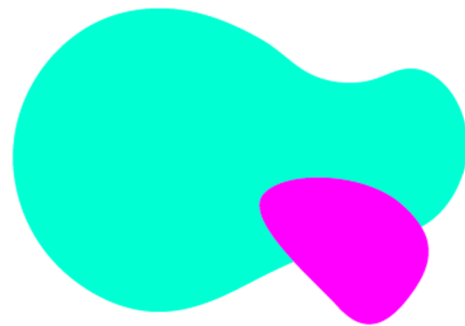
Directors: Belinda Shaw

Company Registration: 2020/185821/07

VAT number: 4170291449

Contact: sales@capebiologix.com +27 (0)21 286 2835

www.capebiologix.com



IMAGES

PtX™ Rabbit Anti-GST Antibody ELISA Dose Response

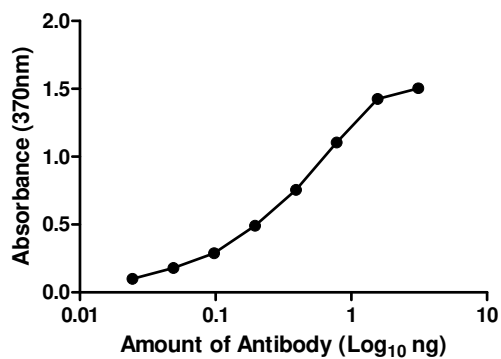


Figure 1. ELISA Dose Response curve showing increasing absorbance at 370 nm with increasing amounts of PtX™ Rabbit Anti-GST added to a 96 well plate coated with 0.1 ng/μl GST antigen.

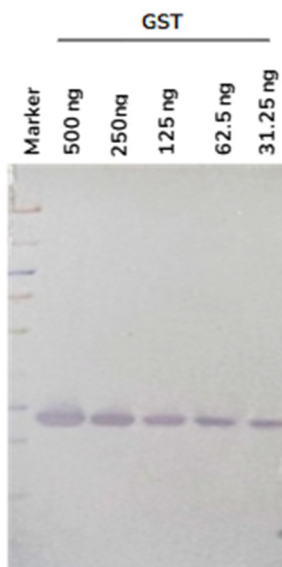


Figure 2. Western blot of decreasing amounts of GST antigen (28 kDa) detected with PtX™ Rabbit Anti-GST at 1: 5 000 and an HRP conjugated anti-rabbit secondary antibody.

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