

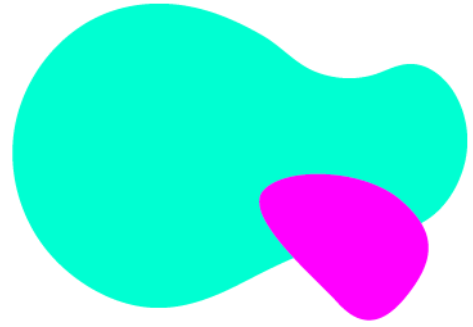
Datasheet

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)
Target sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQ SMAIIRYIADKHNMLGGCCKERAIEISMLEGAVLDIRYGVSRAYSKDFETLKVDLFLSKLPEMLKMFED RLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPIQIDKYLKSSKYIAW PLQGWQATFGGGDHPPK
Verified applications	Western blot (1:5 000-1:10 000)
(Dilution range)	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
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.
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IMAGES

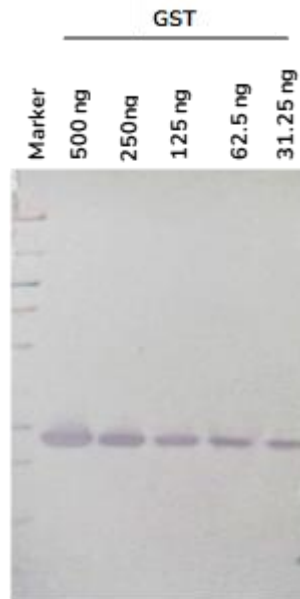


Figure 1. Western blot of decreasing amounts of GST antigen (28 kDa) detected with PtX™ Rabbit Anti-GST Recombinant Antibody at 1:5 000 and an HRP conjugated anti-rabbit secondary antibody.

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