

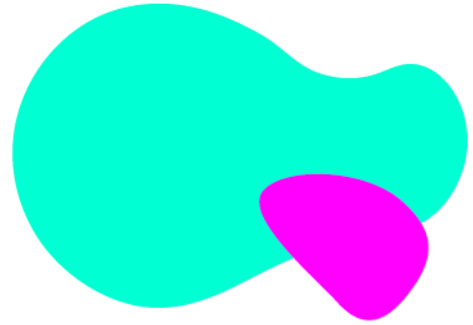
Datasheet

OVERVIEW AND PROPERTIES

Product Name	PtX™ Rabbit Anti-Bovine Serum Albumin Recombinant Antibody
Catalogue Number	CBT_A0014
Expression Host	<i>Nicotiana benthamiana</i> plants
Clonality	Monoclonal
Species and Isotype	Rabbit IgG1
Tag	None
Reporter Protein	None
Description	Recombinant rabbit monoclonal antibody against Bovine Serum Albumin protein, produced via <i>Agrobacterium tumefaciens</i> infiltration of <i>Nicotiana benthamiana</i> plants.
Verified Applications	Western blot, ELISA
Recommended Dilutions	Western blot (1: 5000 - 1: 15 000) 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 max): 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	≥ 95 % 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

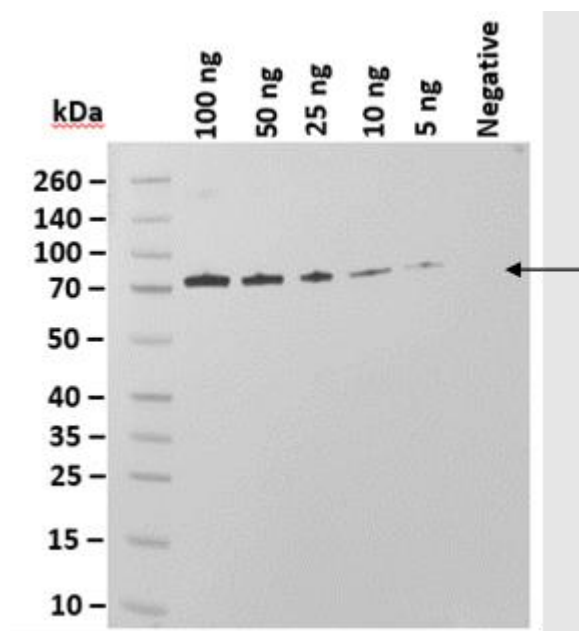


Figure 1: Western blot analysis of PtX™ Rabbit Anti-BSA. Lanes 2 – 6: Decreasing amounts of Bovine Serum Albumin Protein were run on the SDS-PAGE. Separated bands were transferred to the membrane and PtX™ Rabbit Anti-BSA (1: 5 000) was used to detect the antigen. The bands (~66 kDa) were visualized in each lane following the addition of anti-rabbit secondary antibody with HRP and substrate. Our antibody was able to detect antigen amounts upwards of 5 ng (Lane 6).

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