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Datasheet for ABIN1099700
anti-Phosphodiesterase I antibody (Biotin)

Overview

Quantity:	1 mL
Target:	Phosphodiesterase I
Reactivity:	Rattlesnake
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosphodiesterase I antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Dot Blot (DB), Immunocytochemistry (ICC)

Product Details

Immunogen:	Phosphodiesterase I isolated and purified from crotalus durissus terrificus. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Cross-reactivities against enzymes of other sources may occur but have not been determined.
Characteristics:	<p>The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition.</p> <p>Physicochemical characteristics: IgG protein concentration 10 mg/ml. Biotin/ IgG protein molar ratio (B/P) approximately 5.5. No foreign proteins added. Marker N-Hydroxysuccinimidobiotin.</p>
Purification:	The IgG (7S) fraction is prepared from the antiserum by ammonium sulphate precipitation and ion exchange chromatography.

Target Details

Target:	Phosphodiesterase I
Abstract:	Phosphodiesterase I Products
Background:	This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and immunofluorescence or histochemical techniques).

Application Details

Application Notes:	Working dilutions in non-precipitating antibody-binding techniques may vary widely, but may be between 1/1,000 and 1/30,000.
Comment:	<p>Physical form: Biotin-coupled hyperimmune rabbit IgG lyophilised from a solution in phosphate buffered saline (PBS, pH 7.2).</p> <p>Conjugation procedure: A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilised to assure stability and long shelf life.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Phosphate buffered saline (PBS, pH 7.2). No foreign protein added.
Preservative:	Without preservative
Handling Advice:	The lyophilised conjugate is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. It is reconstituted by adding 1.0 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product.
Storage:	4 °C