



Rabbit Anti-Pertussis Toxin Polyclonal antibody (CABT-CS106)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Pertussis toxin
Target	Pertussis Toxin
Immunogen	Immunization was Initiated with toxoid and boosted with native toxin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	B. pertussis
Conjugate	unconjugated
Applications	WB, IP, Dot, Neut, ELISA
Format	Liquid antiserum
Size	100 µl
Preservative	0.09% sodium azide
Storage	Sent at 4°C, and upon arrival, spin-down and store at -20°C

BACKGROUND

Introduction	<p>Pertussis toxin (PT) is a protein-based AB₅-type exotoxin produced by Bordetella pertussis. PT catalyzes the ADP-ribosylation of the α subunits of the heterotrimeric guanine nucleotide regulatory proteins Gi, Go, and Gt and prevents intracellular signal transduction involving the G proteins. PT consists of one molecule of each S1 (26 kDa), S2 (22 kDa), S3 (22 kDa), S4 (12</p>
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kDa) and two molecule of S4 (12 kDa). This product was highly purified (>90% pure) from Bordetella pertussis strain Tohama by the method of Skelton & Wong¹). Cytotoxicity of the PT was confirmed by morphological alteration of CHO cells after treatment with 0.1 ng/ml of PT.

Keywords

Pertussis Toxin; B. pertussis toxin; B. pertussis
