



Anti-Neurotoxin Type A polyclonal antibody (DPAB0257)

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

PRODUCT INFORMATION

Specificity	C. botulinum Type A Neurotoxin Complex, neurotoxin or protein isolates.
Immunogen	Type A Neurotoxin and Complexing Proteins Toxoid
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bacteria Clostridium botulinum
Purification	Protein G Sepharose chromatography
Conjugate	Unconjugated
Applications	Suitable for use in dot blot, ELISA (1:10,000) and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	1.5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 mg
Buffer	1X PBS, pH 7.2 containing 20% glycerol
Preservative	None
Storage	Store at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Clostridium botulinum is a Gram-positive, rod-shaped bacterium that produces neurotoxins, known as botulinum neurotoxins types A-G, that cause the flaccid muscular paralysis seen in botulism. It is also the main paralytic agent in botox. *C. botulinum* is an anaerobic spore-former, which produces oval, subterminal endospores and is commonly found in soil.

Keywords

Clostridium botulinum Type A; Atx; Bna; BoNT/A; Bontoxilysin A; BotA; Botox; Botulinum neurotoxin type A; Botulism A toxoid; *lostridium*; Bacteria; Clostridia; Clostridiales; Clostridiacea; *Clostridium*; *C. botulinum*
