

Polyclonal Antibody to Botulinum neurotoxin type A (light chain) - Purified

Alternate names:	BoNT/A, Clostridium botulinum Toxin A, Bontoxilysin-A, BOTOX
Catalog No.:	BP2273
Quantity:	0.2 mg
Concentration:	0,72 mg/ml (OD280/OD260)
Background:	Clostridium botulinum neurotoxins are zinc-dependent proteases that block the release of acetylcholine from peripheral cholinergic nerve endings by targeting specific membrane proteins including synaptosomal-associated proteins (SNAP), vesicle-associated membrane proteins (VAMP), and syntaxins. Neurotoxin A is characteristically associated with human botulism and known to target and hydrolyse the 197-Gln- -Arg-198 bond of SNAP-25.
Uniprot ID:	P10845
Host / Isotype:	Rabbit
Immunogen:	Type A Neurotoxin light chain
Format:	State: Liquid purified Ig fraction Purification: Protein G Sepharose Chromatography Buffer System: PBS, pH 7.2 containing 20% glycerol as stabilizer and no preservative.
Applications:	Suitable for use in dot blot, ELISA and Western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	C. botulinum Type A Neurotoxin light chain.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.