

Product datasheet for **BP2273**

Botulinum neurotoxin type A (light chain) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Dot Blot. Western blot.
Reactivity:	Clostridium botulinum
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Type A Neurotoxin light chain
Specificity:	This antibody recognizes <i>C. botulinum</i> Type A Neurotoxin Light Chain.
Formulation:	1xPBS, pH 7.2 containing 20% Glycerol State: Purified State: Liquid purified IgG fraction Preservative: None
Concentration:	lot specific
Purification:	Protein G Sepharose Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P10845
Background:	<i>Clostridium botulinum</i> 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.
Synonyms:	BoNT/A, Clostridium botulinum Toxin A, Bontoxilysin-A, BOTOX



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