

Product datasheet for **AP00680PU-N**

Clostridium botulinum Hemagglutinin 33 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Dot Blot. ELISA: 1/10,000. Western Blot.
Reactivity:	Clostridium botulinum
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Type A Hemagglutinin 33
Specificity:	This antibody recognizes <i>C. botulinum</i> Type A Hemagglutinin 33.
Formulation:	1X PBS, 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:	P46084
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.
Synonyms:	Main hemagglutinin component, HA 33 kDa subunit, HA1, HA-33, antP-33



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