

AP00680PU-N**Polyclonal Antibody to Clostridium botulinum Hemagglutinin 33
- Purified**

Alternate names:	HA 33 kDa subunit, HA-33, HA1, Main hemagglutinin component, antP-33
Quantity:	1 mg
Concentration:	1.24 mg/ml (OD280nm, E0.1%=1.4)
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:	P46084
NCBI:	1491
Host:	Rabbit
Immunogen:	Type A Hemagglutinin 33
Format:	State: Liquid purified IgG fraction Purification: Protein G Sepharose Chromatography Buffer System: 1X PBS, pH 7.2 containing 20% Glycerol Preservatives: None
Applications:	Dot Blot. ELISA: 1/10,000. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes <i>C. botulinum</i> Type A Hemagglutinin 33.
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.