

Datasheet for ABIN7141076

anti-Clostridium Botulinum Type E Toxoid antibody (AA 2-422)



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Overview

Quantity:	100 µg
Target:	Clostridium Botulinum Type E Toxoid
Binding Specificity:	AA 2-422
Reactivity:	Clostridium butyricum
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA

Product Details

Immunogen:	Recombinant Clostridium butyricum Botulinum neurotoxin type E protein (2-422AA)
Isotype:	IgG
Cross-Reactivity:	Clostridium butyricum
Purification:	>95%, Protein G purified

Target Details

Target:	Clostridium Botulinum Type E Toxoid
Alternative Name:	Botulinum neurotoxin type E
Background:	Background: Botulinum toxin acts by inhibiting neurotransmitter release. It binds to peripheral neuronal synapses, is internalized and moves by retrograde transport up the axon into the spinal cord where it can move between postsynaptic and presynaptic neurons. It inhibits neurotransmitter release by acting as a zinc endopeptidase.

Target Details

Aliases: Botulinum neurotoxin type E antibody, BoNT/E antibody, Bontoxilysin-E) [Cleaved into: Botulinum neurotoxin E light chain antibody, LC antibody, EC 3.4.24.69), Botulinum neurotoxin E heavy chain antibody, HC)] antibody

UniProt: [P30995](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.