

Product Information

Size:

50ug

Reactivity:

Clostridium botulinum

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein 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 that cleaves the '60-Lys-|-Leu-61' bond of synaptobrevins-1 and -2.

Gene ID:

botD

Uniprot

P19321

Synonyms:

Botulinum neurotoxin type D (BoNT/D) (EC 3.4.24.69) (Bontoxilysin-D) [Cleaved into: Botulinum neurotoxin D light chain; Botulinum neurotoxin D heavy chain], botD

Immunogen:

Recombinant Clostridium botulinum Botulinum neurotoxin type D protein (1-442AA).

Storage:

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

Product Images

N/A

N/A