

PACO34670

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## Product Information

**Size:**

50ug

**Reactivity:**

Clostridium tetani

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:**

**Protein Background:**

Tetanus 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 catalyzes the hydrolysis of the '76-Gln-|-Phe-77' bond of synaptobrevin-2.

**Gene ID:**

tetX

**Uniprot**

P04958

**Synonyms:**

Tetanus toxin (EC 3.4.24.68) (Tentoxylisin) [Cleaved into: Tetanus toxin light chain (Tetanus toxin chain L); Tetanus toxin heavy chain (Tetanus toxin chain H)], tetX

**Immunogen:**

Recombinant Clostridium tetani Tetanus toxin protein (123-573AA).

**Storage:**

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

## Product Images

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N/A

N/A