

Product datasheet for **BP1072**

CTC_RS14060 (1300-1314) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Bacteria
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to the amino acids 1300-1314 of the native molecule conjugated to Keyhole limpet Haemocyanin.
Specificity:	This antibody detects Tetanus Toxin.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P04958
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. The precursor polypeptide is subsequently cleaved to yield subchains L and H. These remain linked by a disulfide bridge and are non-toxic after separation.
Synonyms:	Clostridium tetani toxin, tetX



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