Datasheet for ABIN264534

anti-Tetanus Toxin antibody

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Overview

Quantity:	1 mL
Target:	Tetanus Toxin (TetX)
Reactivity:	Clostridium tetani
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Tetanus Toxin antibody is un-conjugated
Application:	Immunodiffusion (ID)

Product Details

Immunogen:	Purified tetanus toxoid
Specificity:	This antibody reacts to Tetanus toxoid.
Purification:	Sodium sulfate precipitation and ion-exchange chromatography
Purity:	> 95 % pure

Target Details

Target:	Tetanus Toxin (TetX)
Alternative Name:	Tetanus Toxin (TetX Products)
Target Type:	Bacteria
Background:	Tetanus toxoid is derived from the toxin released by Clostridium Tetanis that causes the disease tetanus. It is used as a vaccine to prevent tetanus or to help boost the immune

Target Details

	response to other vaccines. A toxoid is a substance that has been treated to destroy its toxic properties but that retains the capacity to stimulate production of antitoxins, used in immunization. Tetanus toxoid is produced by formaldehyde inactivation of pure neuro toxin. Each lot is verified to be non toxic. In addition to being a potent antigen, tetanus toxoid is a useful carrier protein for making polysaccharides and haptens immunogenic.Synonyms: Clostridium tetani toxin, tetX
Gene ID:	1061100
NCBI Accession:	NP_783831
UniProt:	P04958

Application Details

Application Notes:	Gel techniques (IEP). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	4-5mg/mL (OD280nm, E0.1% = 1.4)
Buffer:	0.01 M PBS, pH 7.2 containing 0,09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.