

Anti-Beta subunit Cholera Toxin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Cholera Toxin)
Molecular Weight:	Theoretical: 12 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: CTXB/beta subunit Cholera Toxin Cholera Toxin beta;Cholera enterotoxin B chain;VC1456;Cholera toxin B protein;CTXB;TOXB;
Synonyms:	beta subunit Cholera Toxin;Cholera enterotoxin subunit B;CHTB_VIBCH;Cholera enterotoxin gamma chain;TOX B; β subunit Cholera Toxin;CTX B;Cholera enterotoxin beta chain
Biology Area:	Cholera Toxin

Research Background

The B subunit of cholera toxin (CtxB) binds to a GM1-ganglioside receptor, a ubiquitous glycolipid cell surface receptor. This binding is widely accepted to initiate toxin action by triggering uptake and delivery of the toxin A subunit into cells. The beta chain has no toxic activity by itself. The holotoxin consists of a pentameric ring of B subunits whose central pore is occupied by the A subunit. The A subunit contains two chains, A1 and A2, linked by a disulfide bridge. The A subunit (and Cholera toxin) activates the adenylate cyclase enzyme in cells of the intestinal mucosa leading to increased levels of intracellular cAMP.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481