

Rabbit CHOLERA TOXIN Polyclonal Antibody | anti-VC1456 antibody

RABBIT ANTI CHOLERA TOXIN BETA

CATALOG # AAA49869	HOST Rabbit	APPLICATIONS Immunodiffusion, ELISA
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PRODUCT SYNONYMS

CHOLERA TOXIN; Polyclonal Antibody; RABBIT ANTI CHOLERA TOXIN BETA; anti-VC1456 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified Ig - liquid
Concentration	Approximate Protein Concentration: 4.0 mg/ml (varies by lot)
Sequence Length	124
Applicable Applications for anti-VC1456 antibody	ID (Immunodiffusion), ELISA
Perservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Immunogen	Purified choleraenoid Buffer Solution
Target Species	Bacterial
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-VC1456 antibody	Rabbit anti cholera toxin beta antibody recognizes the beta subunit of cholera toxin. The beta subunit of cholera toxin binds to a GM1-ganglioside receptor which is widely accepted to initiate toxin action by triggering uptake and delivery of the toxin alpha subunit into cells. The holotoxin consists of a pentameric ring of beta subunits whose central pore is occupied by the alpha subunit. The alpha subunit contains two chains, A1 and A2, linked by a disulfide bridge. The alpha subunit (and cholera toxin) activates the adenylate cyclase enzyme in cells of the intestinal mucosa leading to increased levels of intracellular cAMP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15641467
NCBI GeneID	2613962
NCBI Accession #	NP_231099.1
NCBI GenBank Nucleotide #	NC_002505.1

UniProt Accession #	P01556; Q9JQ02
Molecular Weight	13,957 Da
NCBI Official Full Name	cholera enterotoxin subunit B
NCBI Official Symbol	VC1456
NCBI Protein Information	cholera enterotoxin subunit B
UniProt Protein Name	Cholera enterotoxin subunit B
UniProt Gene Name	ctxB
UniProt Synonym Gene Names	toxB
UniProt Entry Name	CHTB_VIBCH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cholera-toxin-antibody-immunodiffusion-elisa/49869>