

Rabbit CTXB beta subunit Cholera Toxin Polyclonal Antibody | anti-CTXB antibody

CTXB beta subunit Cholera Toxin Antibody Cy3 Conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313012	Rabbit	Cholera Toxin	Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

CTXB beta subunit Cholera Toxin; Polyclonal Antibody; CTXB beta subunit Cholera Toxin Antibody Cy3 Conjugated; Cholera enterotoxin B chain; Cholera enterotoxin beta chain; Cholera enterotoxin gamma chain; Cholera enterotoxin subunit B; Cholera toxin B protein; Choleragenoid; CTX B; CTXB; TOX B; TOXB; VC1456; CHTB_VIBCH CTXB beta subunit Cholera Toxin; anti-CTXB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cholera Toxin
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by Protein A
Form/Format	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CTXB antibody	ICC (Immunocytochemistry), IF (Immunofluorescence)
Conjugation	Cy3
Excitation Emission	512,550nm 570,615nm
Immunogen	KLH conjugated synthetic peptide derived from CTXB beta subunit Cholera Toxin
Cross-Reactivity	Cholera Toxin Subunit B
Preparation and Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CTXB antibody	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.
Product Categories/Family for anti-CTXB antibody	Conjugated Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	2613962
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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/ctxb-beta-subunit-cholera-toxin-antibody-immunocytochemistry-immunofluorescence-elisa/313012>