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Datasheet for ABIN1699846  
**anti-Cholera Toxin beta antibody (Biotin)**

### Overview

Quantity:	100 µL
Target:	Cholera Toxin beta
Reactivity:	Vibrio cholerae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cholera Toxin beta antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from CTXB/beta subunit Cholera Toxin
Isotype:	IgG
Cross-Reactivity:	Rat
Cross-Reactivity (Details):	Cholera Toxin Subunit B
Purification:	Purified by Protein A.

### Target Details

Target:	Cholera Toxin beta
Abstract:	<a href="#">Cholera Toxin beta Products</a>
Background:	Synonyms: Cholera enterotoxin B chain, Cholera enterotoxin beta chain, Cholera enterotoxin

## Target Details

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gamma chain, Cholera enterotoxin subunit B, Cholera toxin B protein, Choleragenoid, CTX B, CTXB, TOX B, TOXB, VC1456, CHTB\_VIBCH.

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.

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Gene ID: 2613962

## Application Details

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Application Notes: WB 1:100-1000  
IHC-P 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months