

Product datasheet for **BP1011**

VC1456 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, IP
Recommended Dilution:	ELISA. Immunoprecipitation. Has been described to work in Immunohistochemistry on Frozen Sections and Immunofluorescence.
Reactivity:	Bacteria
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified choleraenoid
Specificity:	Reacts with the beta subunit of Cholera Toxin.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide as preservative. State: Ig Fraction State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P01556
Background:	The beta subunit of cholera toxin binds to a GM1-anglioside 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) activate the adenylate cyclase enzyme in cells of the intestinal mucosa leading to increased levels of intracellular cAMP.
Synonyms:	Cholera enterotoxin B chain, Cholera enterotoxin gamma chain, Choleraenoid, ctxB, toxB, VC_1456



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