



# Rabbit Anti-Vero Toxin (E.coli) / Shiga Toxin (S. dysenteriae) Polyclonal antibody (CABT-CS104)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	VT1 and VT2 of E. coli VTEC strain and Shiga toxin of Shigella dysenteriae
<b>Target</b>	Vero Toxin (E.coli) / Shiga Toxin (S. dysenteriae)
<b>Immunogen</b>	Initial immunization by VT1 toxoid and boosted by VT1 toxin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	E. coli, S. dysenteriae
<b>Conjugate</b>	unconjugated
<b>Applications</b>	WB, Dot, IP
<b>Format</b>	Liquid antiserum
<b>Size</b>	100 µl
<b>Preservative</b>	0.09% sodium azide
<b>Storage</b>	Ship at 4°C, aliquot and store at -20°C.

## BACKGROUND

<b>Introduction</b>	Vero toxins, VT1 and VT2 are produced by Vero toxin producing E.coli (VTEC) or Enterohaemorrhagic E. coli (EHEC) and have lethal activity to Vero cells. The primary structure
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of VT1 is identical or nearly identical to Shiga toxin (Stx) produced by *Shigella dysenteriae* serotype 1 and also called Stx 1 (Shiga-like toxin 1). VT is composed from one A subunit and five B subunits. Some *E. coli* strains produce both VT1 and VT2, and they share sequence identity of 55 %.

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<b>Keywords</b>	Verotoxin; Shiga Toxin; Stx; Vero toxin
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