



# Anti-Salmonella Polyclonal antibody (DPAB0216)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Polyvalent for Salmonella "O" & "H" antigens. Immunocaptures Salmonellae. Antiserum is not absorbed and does react with related Enterobacteriaceae.
<b>Target</b>	Salmonella
<b>Immunogen</b>	Mixture of S. enteritidis, S. typhimurium, and S. heidelberg
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Salmonella
<b>Purification</b>	95% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Specific met Suitable for use in IFA. Also suitable for conjugation purposes. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. methodologies have not been tested using this product.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	PBS, pH 7.2. Product contains no stabilizing
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2. Product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide

<b>Storage</b>	Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
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# BACKGROUND

<b>Introduction</b>	The genus Salmonella is a member of the family Enterobacteriaceae. The genus is composed of Gram negative bacilli that are facultative and flagellated (motile). Salmonellae possess 3 major surface antigens; the H or flagellar antigen (phase 1 and 2), the O or somatic antigen (part of the LPS moiety) and the Vi or capsular antigen (referred to as K in other Enterobacteriaceae). Salmonellae also possess the LPS endotoxin characteristic of Gram negative bacteria. This LPS is composed of an O polysaccharide (O antigen) an R core and the endotoxic inner Lipid A. Endotoxins evoke fever and can activate complement, kinin and clotting factors.
<b>Keywords</b>	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella

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