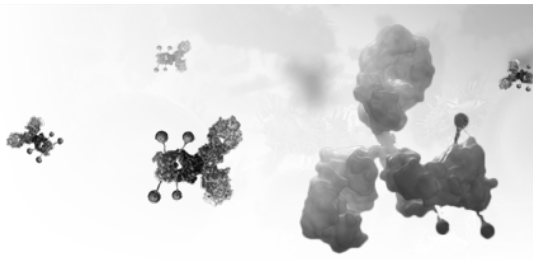

Anti-Salmonella Polyclonal antibody (DPAB0223)

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

PRODUCT INFORMATION

Specificity	Polyvalent for Salmonella "O" & "H" antigens. Immunocaptures Salmonellae. Antiserum is not absorbed for and does react with related Enterobacteriaceae.
Target	Salmonella
Immunogen	Mixture of S. enteriditis, S. typhimurium, and S. heidelburg
Source/Host	Rabbit
Species Reactivity	Salmonella
Purification	Purified IgG fraction of the antiserum covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution
Conjugate	Biotin
Applications	Suitable for use with avidin and streptavidin amplification systems for fluorescence microscopy. 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.
Concentration	4–5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2. Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	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

Introduction	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.
Keywords	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Salmonella

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