Anti-Salmonella antibody (HRP) ab156656

Overview

Product name: Anti-Salmonella antibody (HRP)
Description: Rabbit polyclonal to Salmonella (HRP)
Host species: Rabbit
Conjugation: HRP
Tested applications: Suitable for: WB, ELISA, IHC-P
Species reactivity: Reacts with: Salmonella typhimurium, Salmonella enteritidis
Immunogen: Mixture of S. enteritidis, S. typhimurium and S. heidelberg.
General notes: The antibody is covalently coupled to a highly purified preparation of horseradish peroxidase (RZ >3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent. Estimated molar HRP: IgG substitution is 2-3.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: Preservative: 0.002% Thimerosal (merthiolate)
Constituents: 1% BSA, 98% PBS
Purity: IgG fraction
Purification notes: Purified IgG fraction of antiserum coupled to a highly purified preparation of horseradish peroxidase.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab156656 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
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.

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<td>ELISA</td>
<td>1/200 - 1/1000.</td>
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<td>IHC-P</td>
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<td>Use at an assay dependent concentration.</td>
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Relevance

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.

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