

# HRP Anti-Salmonella group antigen antibody ab53299

## 1 References

### Overview

<b>Product name</b>	HRP Anti-Salmonella group antigen antibody
<b>Description</b>	HRP Rabbit polyclonal to Salmonella group antigen
<b>Host species</b>	Rabbit
<b>Conjugation</b>	HRP
<b>Specificity</b>	ab53299 is polyvalent for Salmonella "O" and "H" antigens.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, IHC-Fr
<b>Species reactivity</b>	<b>Reacts with:</b> Salmonella
<b>Immunogen</b>	Tissue, cells or virus corresponding to Salmonella group antigen. Mixture of S. enteritidis, S. typhimurium and S. heidelberg.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.002% Thimerosal (merthiolate) Constituents: 1% BSA, PBS
<b>Purification notes</b>	This antibody is greater than 95% pure.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab53299 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/20 - 1/200. Predicted molecular weight: 1 kDa.
ELISA		1/200 - 1/1000.
IHC-Fr		1/20 - 1/200.

## Target

### 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.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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