



Rabbit Anti-Salmonella typhimurium antibody

SL4801R

Product Name:	Salmonella typhimurium
Chinese Name:	鼠伤寒沙门氏菌
Alias:	Salmonella
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Salnella
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	whole cell protein:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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 antigens; the "H" or flagellar antigen (phase 1 & 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".</p> <p>Endotoxins evoke fever and can activate complement, kinin and clotting factors. Until recently the most common cause of food poisoning by Salmonella species was due to S.</p>

Typhimurium. As its name suggests, it causes a typhoid-like disease in mice. In humans S. Typhimurium does not cause as severe disease as S. Typhi, and is not normally fatal. The disease is characterized by diarrhea, abdominal cramps, vomiting and nausea, and generally lasts up to 7 days.

SWISS:

N/A

Gene ID:

N/A

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

鼠伤寒沙门氏菌 *Salmonella typhimurium*

属于沙门氏菌B群。O抗原有1, 4, 5, 12, H抗原单相为1, 双相为1, 2。它是引起食物中毒而发生炎症的有名的细菌, 但通过P22噬菌体转导、溶原化变换以及组氨酸操纵子等性状出现的调节机制的分析, 也成为了促进微生物遗传学发展的一种重要的细菌。

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