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Datasheet for ABIN1396608

**anti-Salmonella Typhimurium antibody (Biotin)**

## Overview

Quantity:	100 µL
Target:	Salmonella Typhimurium
Reactivity:	Salmonella typhimurium
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Salmonella Typhimurium antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	whole cell protein
Isotype:	IgG
Cross-Reactivity:	Bacteria
Cross-Reactivity (Details):	Salmonella typhimurium
Purification:	Purified by Protein A.

## Target Details

Target:	Salmonella Typhimurium
Abstract:	<a href="#">Salmonella Typhimurium Products</a>
Background:	Synonyms: Salmonella

## Target Details

Background: 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". 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. 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.

Gene ID: 54442

## Application Details

Application Notes: IHC-P 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months