SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-Silent protein Usha (0)/HRP Conjugated antibody

Catalog Number: SL8660R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-Silent protein UshA(0)/HRP
Immunogen:	KLH conjugated synthetic peptide derived from SALTY of Salmonella typhimurium (O)
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:SALTY)
Background:	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-

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	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. **Subcellular Location:** Periplasm. **Similarity:** Belongs to the 5'-nucleotidase family. **Database links:** UniProtKB/Swiss-Prot: P06196.2 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. Salmonella typhimurium belongs to Salmonella group B. The O antigens are 1, 4, 5, 12, and the H antigen is phase 1 as 1 and phase 2 as 1, 2. It is a well-known bacterium that causes inflammation through food poisoning, but through analysis of regulatory mechanisms such as P22 phage transduction, lysogenic conversion, and the emergence of traits such as the histidine operon, it has also become an important bacterium that has promoted the development of microbial genetics.