Salmonella Typhi Outer Membrane Protein A (STY1091) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Salmonella typhi Outer membrane protein A (STY1091), Polyclonal Antibody
Full Product Name	Rabbit anti-Salmonella typhi Outer membrane protein A polyclonal Antibody, HRP conjugated
Product Gene Name	anti-STY1091 antibody
Product Synonym Names	ompA; STY1091; t1850
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Salmonella typhi
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: Salmonella typhi Outer membrane protein A (MBS1488520) HRP Conjugated Antibody: Salmonella typhi Outer membrane protein A (MBS1488522)
Molecular Weight	37,477 Da
3D Structure	ModBase 3D Structure for Q8Z7S0
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	HRP
Immunogen	Recombinant Salmonella typhi Outer membrane protein A protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-STY1091 antibody	ELISA (EIA)
Related Product Information for anti-STY1091 antibody	Required for the action of colicins K and L and for the stabilization of mating aggregates in conjugation. Serves as a receptor for a number of T-even like phages. Also acts as a porin with low permeability that allows slow penetration of small solutes.
Other Notes	Small volumes of anti-STY1091 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for STY1091 purchase	MBS1488522 is an antibody targeting STY1091. Also known as Rabbit anti-Salmonella typhi Outer membrane protein A polyclonal Antibody, HRP conjugated. Reactive in Salmonella typhi. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STY1091. It may not necessarily be applicable to this product.

NCBI GI #	16759951
NCBI GeneID	1247515
NCBI Accession #	NP_455568.1

UniProt Primary Accession #	Q8Z7S0
UniProt Secondary Accession #	Q7C962
GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	outer membrane protein A
NCBI Official Symbol	STY1091
NCBI Official Synonym Symbols	ompA
UniProt Protein Name	Outer membrane protein A
UniProt Gene Name	ompA
UniProt Entry Name	OMPA_SALTI
NCBI Protein Information	outer membrane protein A
UniProt Comments for STY1091	Required for the action of colicins K and L and for the stabilization of mating aggregates in conjugation. Serves as a receptor for a number of T-even like phages. Also acts as a porin with low permeability that allows slow penetration of small solutes ().
Research Articles on STY1091	**1.** Bacterial challenge of the animal model brought about antibody triggering efficacy of the antigen in OmpF > OmpC > OmpA order.
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