ISCA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ISCA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain 55989/EAEC) ISCA Polyclonal Antibody
Product Gene Name	anti-ISCA antibody
Product Synonym Names	ISCA Antibody; Iron-binding protein IscA; Iron-sulfur cluster assembly protein; iscA EC55989_2813
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain 55989/EAEC)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	11,556 Da
3D Structure	ModBase 3D Structure for B7LDC0
Immunogen	Recombinant Escherichia coli (strain 55989 / EAEC) iscA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ISCA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ISCA antibody	MBS7174483 is an antibody targeting ISCA. Also known as Rabbit anti-Escherichia coli (strain 55989/EAEC) ISCA Polyclonal Antibody. Reactive in E Coli (strain 55989/EAEC). Host: Rabbit.
Other Notes	Small volumes of anti-ISCA 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.

ADDITIONAL DETAILS

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

NCBI GI #	445951098
NCBI Accession #	WP_000028953.1
UniProt Primary Accession #	B7LDC0
GenBank Nucleotide #	WP_000028953.1
NCBI Official Full Name	MULTISPECIES: iron-sulfur cluster assembly accessory protein

UniProt Protein Name	Iron-binding protein IscA
UniProt Synonym Protein Names	Iron-sulfur cluster assembly protein
Protein Family	Iron-binding protein
UniProt Gene Name	iscA
UniProt Comments for ISCA	Is able to transfer iron-sulfur clusters to apo-ferredoxin. Multiple cycles of [2Fe2S] cluster formation and transfer are observed, suggesting that IscA acts catalytically. Recruits intracellular free iron so as to provide iron for the assembly of transient iron-sulfur cluster in IscU in the presence of IscS, L-cysteine and the thioredoxin reductase system TrxA/TrxB.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-e-coli-antibody/isca/7174483