SRLD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRLD, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) SRLD Polyclonal Antibody
Product Gene Name	anti-SRLD antibody
Product Synonym Names	SRLD Antibody; Sorbitol-6-phosphate 2-dehydrogenase; EC 1.1.1.140; Glucitol-6-phosphate dehydrogenase; Ketosephosphate reductase; srlD gutD b2705 JW2674
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12)
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	27,858 Da
3D Structure	ModBase 3D Structure for P05707
Immunogen	Recombinant Escherichia coli (strain K12) srlD protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SRLD antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-SRLD antibody	MBS7162125 is an antibody targeting SRLD. Also known as Rabbit anti-Escherichia coli (strain K12) SRLD Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-SRLD 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 SRLD. It may not necessarily be applicable to this product.

NCBI GI #	16130612
NCBI GeneID	948937
NCBI Accession #	NP_417185.1
UniProt Primary Accession #	P05707
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	sorbitol-6-phosphate dehydrogenase
NCBI Official Symbol	srlD
NCBI Official Synonym Symbols	ECK2700; gutD; JW2674
UniProt Protein Name	Sorbitol-6-phosphate 2-dehydrogenase
UniProt Synonym Protein Names	Glucitol-6-phosphate dehydrogenase; Ketosephosphate reductase
UniProt Gene Name	srlD
UniProt Synonym Gene Names	gutD
NCBI Protein Information	sorbitol-6-phosphate dehydrogenase
NCBI Summary for SRLD	False positive lipoprotein prediction, unprocessed, verified amino terminus. [More information is available at EcoGene: EG10971].
Research Articles on SRLD	**1.** N-terminus verified by Edman degradation on complete protein
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