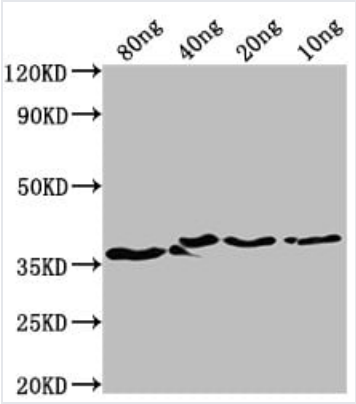
bepA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	bepA, Polyclonal Antibody
Full Product Name	bepA Antibody
Product Gene Name	anti-bepA antibody
Product Synonym Names	Beta-barrel assembly-enhancing protease; EC 3.4.-.-; bepA; yfgC
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Escherichia Coli
Form/Format	Liquid
Purity/Purification	>95% Protein G Purified
Preparation and Storage	Upon receipt, store at-20 degree C or-80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: bepA (MBS7113790) HRP Conjugated Antibody: bepA (MBS7113791)
Matching Pairs	Unconjugated Antibody: bepA (MBS7113790) FITC Conjugated Antibody: bepA (MBS7113792)
Matching Pairs	Unconjugated Antibody: bepA (MBS7113790) Biotin Conjugated Antibody: bepA (MBS7113793)
Molecular Weight	53,908 Da
3D Structure	ModBase 3D Structure for P66948
Immunogen Species	Escherichia Coli
Immunogen	Recombinant Escherichia coli Beta-barrel assembly-enhancing protease protein (214-487AA)
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-bepA antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-bepA antibody	WB: 1:1000-1:5000
Related Product Information for anti-bepA antibody	MBS7113790 is an antibody targeting bepA. Also known as bepA Antibody. Reactive in Escherichia Coli. Host: Rabbit.
Other Notes	Small volumes of anti-bepA 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.



Western Blot (WB) of anti-bepA antibody
Western BlotPositive WB detected in Recombinant proteinAll lanes: bepA antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 54 kDaObserved band size: 37 kDa

ADDITIONAL DETAILS

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

NCBI GI #	16130419
NCBI GeneID	947029
NCBI Accession #	NP_416989.1
UniProt Primary Accession #	P66948
UniProt Secondary Accession #	P76568; Q2MAI2
UniProt Related Accession #	AYG18492
GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	beta-barrel assembly-enhancing protease
NCBI Official Symbol	bepA
NCBI Official Synonym Symbols	ECK2490; yfgC
UniProt Protein Name	Beta-barrel assembly-enhancing protease
Protein Family	Adenosine monophosphate-protein transferase
UniProt Gene Name	bepA
UniProt Synonym Gene Names	yfgC
NCBI Protein Information	beta-barrel assembly-enhancing protease
NCBI Summary for bepA	Overexpression causes abnormal biofilm architecture. [More information is available at EcoGene: EG14199].
UniProt Comments for bepA	Functions as both a chaperone and a metalloprotease. Maintains the integrity of the outer membrane by promoting either the assembly or the elimination of outer membrane proteins, depending on their folding state. Promotes disulfide rearrangement of LptD during its biogenesis, and proteolytic degradation of LptD and BamA when their proper assembly is compromised. May facilitate membrane attachment of LoiP under unfavorable conditions.
Research Articles on bepA	**1.** These results demonstrate that multiple periplasmic proteases monitor outer membrane proteins at distinct points in the assembly process as in the case of degradation of the outer membrane protein LptD by the DegP, BepA and YcaL proteases.

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-escherichia-coli-antibody/bepa/7113790