RF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RF1, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. indica (Rice) RF1 Polyclonal Antibody
Product Gene Name	anti-RF1 antibody
Product Synonym Names	RF1 Antibody; Protein Rf1, mitochondrial; Fertility restorer; Protein PPR; Restorer for CMS; Rf1 PPR791 PPR8-1 Rf-1 Rf-1A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. indica (Rice)
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	87,614 Da
3D Structure	ModBase 3D Structure for Q76C99
Immunogen	Recombinant Oryza sativa subsp. indica (Rice) Rf1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RF1 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-RF1 antibody	MBS7197477 is an antibody targeting RF1. Also known as Rabbit anti-Oryza sativa subsp. indica (Rice) RF1 Polyclonal Antibody. Reactive in Oryza sativa subsp. indica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-RF1 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 RF1. It may not necessarily be applicable to this product.

NCBI GI #	60390261
NCBI Accession #	Q76C99.1
UniProt Primary Accession #	Q76C99
UniProt Secondary Accession #	Q2PPE7
NCBI Official Full Name	Protein Rf1, mitochondrial

UniProt Protein Name	Protein Rf1, mitochondrial
UniProt Synonym Protein Names	Fertility restorer; Protein PPR; Restorer for CMS
Protein Family	Protein
UniProt Gene Name	Rf1
UniProt Synonym Gene Names	PPR791; PPR8-1; Rf-1; Rf-1A
UniProt Comments for RF1	Reduces the expression of the cytoplasmic male sterility (CMS)-associated mitochondrial gene ORF79, encoding a cytotoxic peptide. Can restore male fertility by blocking ORF79 production via endonucleolytic cleavage of dicistronic ATP6/ORF79 mRNA. Promotes the editing of ATP6 mRNAs independently of its cleavage function.
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-antibody/rf1/7197477