EXPA3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EXPA3, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) EXPA3 Polyclonal Antibody
Product Gene Name	anti-EXPA3 antibody
Product Synonym Names	EXPA3 Antibody; Expansin-A3; Alpha-expansin-3; OsEXP3; OsEXPA3; OsaEXPa1.18; RiExD; EXPA3 EXP3 Os05g0276500 LOC_Os05g19570
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. japonica (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	27,305 Da
3D Structure	ModBase 3D Structure for Q40637
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) EXPA3 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EXPA3 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-EXPA3 antibody	MBS7194282 is an antibody targeting EXPA3. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) EXPA3 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-EXPA3 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 EXPA3. It may not necessarily be applicable to this product.

NCBI GI #	1002267531
NCBI GeneID	4338278
NCBI Accession #	XP_015638086.1
UniProt Primary Accession #	Q40637
UniProt Secondary Accession #	Q0DJI2

UniProt Related Accession #	Q40637
GenBank Nucleotide #	XM_015782600.1
NCBI Official Full Name	expansin-A3
NCBI Official Symbol	LOC4338278
NCBI Official Synonym Symbols	EXP3; EXPA3; RiExD; OsEXP3; OsEXPA3; Os-EXPA3
UniProt Protein Name	Expansin-A3
UniProt Synonym Protein Names	Alpha-expansin-3; OsEXP3; OsEXPA3; OsaEXPa1.18; RiExD
Protein Family	Expansin
UniProt Gene Name	EXPA3
UniProt Synonym Gene Names	EXP3
NCBI Protein Information	expansin-A3
UniProt Comments for EXPA3	May cause loosening and extension of plant cell walls by disrupting non-covalent bonding between cellulose microfibrils and matrix glucans. No enzymatic activity has been found. May be required for rapid internodal elongation in deepwater rice during submergence ().
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/expa3/7194282