EXPB13 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EXPB13, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) EXPB13 Polyclonal Antibody
Product Gene Name	anti-EXPB13 antibody
Product Synonym Names	EXPB13 Antibody; Expansin-B13; Beta-expansin-13; OsEXPB13; OsaEXPb1.4; EXPB13 Os03g0106700 LOC_Os03g01630 OSJNBa0009C08.17
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	24,270 Da
3D Structure	ModBase 3D Structure for Q946J4
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) EXPB13 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EXPB13 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-EXPB13 antibody	MBS9004980 is an antibody targeting EXPB13. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) EXPB13 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-EXPB13 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 EXPB13. It may not necessarily be applicable to this product.

NCBI GI #	115502170
NCBI Accession #	Q946J4.2
UniProt Primary Accession #	Q946J4
UniProt Secondary Accession #	Q0DVY7; Q8H7T5
NCBI Official Full Name	Expansin-B13

UniProt Protein Name	Expansin-B13
UniProt Synonym Protein Names	Beta-expansin-13; OsEXPB13; OsaEXPb1.4
Protein Family	Expansin
UniProt Gene Name	EXPB13
UniProt Comments for EXPB13	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 ().
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