RIXI Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RIXI, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) RIXI Polyclonal Antibody
Product Gene Name	anti-RIXI antibody
Product Synonym Names	RIXI Antibody; Xylanase inhibitor protein 1; Class III chitinase homolog a; RIXI protein; RIXI Chib3H-a Os11g0701800 LOC_Os11g47580 OsJ_34838
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	33,947 Da
3D Structure	ModBase 3D Structure for Q7GCM7
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) RIXI protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RIXI antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-RIXI antibody	MBS7198476 is an antibody targeting RIXI. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) RIXI Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-RIXI 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 RIXI. It may not necessarily be applicable to this product.

NCBI GI #	1002303543
NCBI GeneID	4351194
NCBI Accession #	XP_015615153.1
UniProt Primary Accession #	Q7GCM7
UniProt Secondary Accession #	O49828; Q2QZ60; A0A0P0Y5K7

UniProt Related Accession #	Q7GCM7
GenBank Nucleotide #	XM_015759667.1
NCBI Official Full Name	xylanase inhibitor protein 1
NCBI Official Symbol	LOC4351194
NCBI Official Synonym Symbols	RIXI; Chib3H-a; OsJ_34838; chitinase
UniProt Protein Name	Xylanase inhibitor protein 1
UniProt Synonym Protein Names	Class III chitinase homolog a; RIXI protein
Protein Family	Xylanase inhibitor protein
UniProt Gene Name	RIXI
UniProt Synonym Gene Names	Chib3H-a
NCBI Protein Information	xylanase inhibitor protein 1
UniProt Comments for RIXI	Fungal xylanase inhibitor. Possesses competitive inhibiting activity against fungal endo-1,4-beta-D-xylanases belonging to glycoside hydrolase family 11 (GH11). May function in plant defense against secreted fungal pathogen xylanases. Is similar to class III chitinases, but does not exhibit chitinase activity.
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