CIGR2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CIGR2, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) CIGR2 Polyclonal Antibody
Product Gene Name	anti-CIGR2 antibody
Product Synonym Names	CIGR2 Antibody; Chitin-inducible gibberellin-responsive protein 2 CIGR2 Os07g0583600 LOC_Os07g39470 OJ1127_E01.113 OsJ_24900
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	60,108 Da
3D Structure	ModBase 3D Structure for Q8GVE1
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) CIGR2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CIGR2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CIGR2 antibody	MBS9002805 is an antibody targeting CIGR2. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) CIGR2 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-CIGR2 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 CIGR2. It may not necessarily be applicable to this product.

NCBI GI #	1002284892
NCBI GeneID	4343735
NCBI Accession #	XP_015646745.1
UniProt Primary Accession #	Q8GVE1
UniProt Secondary Accession #	Q0D544

UniProt Related Accession #	Q8GVE1
GenBank Nucleotide #	XM_015791259.1
NCBI Official Full Name	chitin-inducible gibberellin-responsive protein 2
NCBI Official Symbol	LOC4343735
NCBI Official Synonym Symbols	CIGR2; GIGR2; OJ1127_E01.113
UniProt Protein Name	Chitin-inducible gibberellin-responsive protein 2
Protein Family	Chitin-inducible gibberellin-responsive protein
UniProt Gene Name	CIGR2
NCBI Protein Information	chitin-inducible gibberellin-responsive protein 2
UniProt Comments for CIGR2	May play a regulatory role in the early step of oligosaccharide elicitor response, downstream of the membrane-associated high-affinity chitin-binding protein.
Research Articles on CIGR2	**1.** The elicitor-responsive gene for a GRAS family protein, CIGR2, suppresses cell death in rice inoculated with rice blast fungus via activation of a heat shock transcription factor, OsHsf23.
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