ROC4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ROC4, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) ROC4 Polyclonal Antibody
Product Gene Name	anti-ROC4 antibody
Product Synonym Names	ROC4 Antibody; Homeobox-leucine zipper protein ROC4; GLABRA 2-like homeobox protein 4; HD-ZIP protein ROC4; Homeodomain transcription factor ROC4; Protein RICE OUTERMOST CELL-SPECIFIC 4; ROC4 GL2-4 Os04g0569100 LOC_Os04g48070 OSJNBb0032E06.7
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	86,004 Da
3D Structure	ModBase 3D Structure for Q7Y0V9
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) ROC4 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ROC4 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ROC4 antibody	MBS9000455 is an antibody targeting ROC4. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) ROC4 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-ROC4 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 ROC4. It may not necessarily be applicable to this product.

NCBI GI #	1002265629
NCBI GeneID	4336705
NCBI Accession #	XP_015637147.1
UniProt Primary Accession #	Q7Y0V9

UniProt Secondary Accession #	Q7XUB3
UniProt Related Accession #	Q7Y0V9
GenBank Nucleotide #	XM_015781661.1
NCBI Official Full Name	homeobox-leucine zipper protein ROC4
NCBI Official Symbol	LOC4336705
NCBI Official Synonym Symbols	Roc4; GL2-4
UniProt Protein Name	Homeobox-leucine zipper protein ROC4
UniProt Synonym Protein Names	GLABRA 2-like homeobox protein 4; HD-ZIP protein ROC4; Homeodomain transcription factor ROC4; Protein RICE OUTERMOST CELL-SPECIFIC 4
Protein Family	Homeobox-leucine zipper protein
UniProt Gene Name	ROC4
UniProt Synonym Gene Names	GL2-4
NCBI Protein Information	homeobox-leucine zipper protein ROC4
UniProt Comments for ROC4	Probable transcription factor.
Research Articles on ROC4	**1.** Roc4 is an LD-preferential flowering enhancer that functions downstream of phytochromes and OsGI, but upstream of Ghd7.
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/roc4/9000455