OS03G0743400 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Os03g0743400, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) Os03g0743400 Polyclonal Antibody
Product Gene Name	anti-Os03g0743400 antibody
Product Synonym Names	Os03g0743400 Antibody; Probable histone H2A variant 3 Os03g0743400 LOC_Os03g53190 OJ1365_D05.1 OsJ_12526 OSJNBb0036F07.3
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	14,459 Da
3D Structure	ModBase 3D Structure for Q84MP7
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) Os03g0743400 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Os03g0743400 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-Os03g0743400 antibody	MBS9000315 is an antibody targeting Os03g0743400. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) Os03g0743400 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-Os03g0743400 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 Os03g0743400. It may not necessarily be applicable to this product.

NCBI GI #	1002253366
NCBI GeneID	4334071
NCBI Accession #	XP_015630918.1
UniProt Primary Accession #	Q84MP7

UniProt Secondary Accession #	Q10D30
UniProt Related Accession #	Q84MP7
GenBank Nucleotide #	XM_015775432.1
NCBI Official Full Name	probable histone H2A variant 3
NCBI Official Symbol	LOC4334071
NCBI Official Synonym Symbols	OJ1365_D05.1
UniProt Protein Name	Probable histone H2A variant 3
Protein Family	Probable histone
UniProt Gene Name	Os03g0743400
NCBI Protein Information	probable histone H2A variant 3
UniProt Comments for Os03g0743400	Variant histones H2A are synthesized throughout the cell cycle and are very different from classical S-phase regulated H2A. May replace conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling ().
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