IAA10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IAA10, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) IAA10 Polyclonal Antibody
Product Gene Name	anti-IAA10 antibody
Product Synonym Names	IAA10 Antibody; Auxin-responsive protein IAA10; Indoleacetic acid-induced protein 10; IAA10 Os02g0817600 LOC_Os02g57250 OJ1136_C12.16-1 OJ1136_C12.16-2 OsJ_08880 P0643F09.36-1 P0643F09.36-2
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	30,038 Da
3D Structure	ModBase 3D Structure for Q0DWF2
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) IAA10 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IAA10 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-IAA10 antibody	MBS7189719 is an antibody targeting IAA10. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) IAA10 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-IAA10 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 IAA10. It may not necessarily be applicable to this product.

NCBI GI #	1002244328
NCBI GeneID	4331149
NCBI Accession #	XP_015626382.1
UniProt Primary Accession #	Q0DWF2
UniProt Secondary Accession #	Q59AA1; Q6K695; Q6K696; B7EWI8

UniProt Related Accession #	Q0DWF2
GenBank Nucleotide #	XM_015770896.1
NCBI Official Full Name	auxin-responsive protein IAA10 isoform X1
NCBI Official Symbol	LOC4331149
NCBI Official Synonym Symbols	IAA10; OJ1136_C12.16-1; OJ1136_C12.16-2
UniProt Protein Name	Auxin-responsive protein IAA10
UniProt Synonym Protein Names	Indoleacetic acid-induced protein 10
Protein Family	Auxin-responsive protein
UniProt Gene Name	IAA10
NCBI Protein Information	auxin-responsive protein IAA10
UniProt Comments for IAA10	Aux/IAA proteins are short-lived transcriptional factors that function as repressors of early auxin response genes at low auxin concentrations.
Research Articles on IAA10	**1.** The RDV capsid protein P2 binds OsIAA10, blocking the interaction between OsIAA10 and OsTIR1 and inhibiting 26S proteasome-mediated OsIAA10 degradation.
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