GF14E Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GF14E, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) GF14E Polyclonal Antibody
Product Gene Name	anti-GF14E antibody
Product Synonym Names	GF14E Antibody; 14-3-3-like protein GF14-E; G-box factor 14-3-3 homolog E; GF14E Os02g0580300 LOC_Os02g36974 B1267B06.30-1 OJ1115_A05.5-1 OsJ_07268
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	29,692 Da
3D Structure	ModBase 3D Structure for Q6EUP4
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) GF14E protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GF14E antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-GF14E antibody	MBS7196608 is an antibody targeting GF14E. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) GF14E Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-GF14E 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 GF14E. It may not necessarily be applicable to this product.

NCBI GI #	1002244031
NCBI GeneID	4329775
NCBI Accession #	XP_015626227.1
UniProt Primary Accession #	Q6EUP4
UniProt Secondary Accession #	Q0E040; Q9M3X9

UniProt Related Accession #	Q6EUP4; Q7XAK4
GenBank Nucleotide #	XM_015770741.1
NCBI Official Full Name	14-3-3-like protein GF14-E isoform X2
NCBI Official Symbol	LOC4329775
NCBI Official Synonym Symbols	GID2; GF14E; OJ1115_A05.5-1
UniProt Protein Name	14-3-3-like protein GF14-E
UniProt Synonym Protein Names	G-box factor 14-3-3 homolog E
Protein Family	14-3-3-like protein
UniProt Gene Name	GF14E
NCBI Protein Information	14-3-3-like protein GF14-E
UniProt Comments for GF14E	Is associated with a DNA binding complex that binds to the G box, a well-characterized cis-acting DNA regulatory element found in plant genes.
Research Articles on GF14E	**1.** Confirmed the interaction between OsCPK21 and one of its putative targets, Os14-3-3 (OsGF14e). We used an in vitro kinase assay and site-directed mutagenesis to verify that OsCPK21 phosphorylates OsGF14e at Tyr-138.
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