PSBH Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSBH, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) PSBH Polyclonal Antibody
Product Gene Name	anti-PSBH antibody
Product Synonym Names	PSBH Antibody; Photosystem II reaction center protein H; PSII-H; Photosystem II 10kDa phosphoprotein; psbH LOC_Osp1g00620 Nip093
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.
3D Structure	ModBase 3D Structure for P0C422
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) psbH protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSBH antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PSBH antibody	MBS7151173 is an antibody targeting PSBH. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) PSBH Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-PSBH 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 PSBH. It may not necessarily be applicable to this product.

NCBI GI #	11466818
NCBI GeneID	3131415
NCBI Accession #	NP_039414.1
UniProt Primary Accession #	P0C422
UniProt Related Accession #	Q6Z506
GenBank Nucleotide #	NC_001320.1

NCBI Official Full Name	photosystem II protein H (plastid)
NCBI Official Symbol	psbH
UniProt Protein Name	Photosystem II reaction center protein H
UniProt Synonym Protein Names	Photosystem II 10 kDa phosphoprotein
Protein Family	Photosystem II reaction center protein
UniProt Gene Name	psbH
UniProt Synonym Gene Names	PSII-H
UniProt Entry Name	PSBH_ORYSJ
NCBI Protein Information	photosystem II reaction center protein H
UniProt Comments for PSBH	One of the components of the core complex of photosystem II (PSII), required for its stability and/or assembly. PSII is a light-driven water:plastoquinone oxidoreductase that uses light energy to abstract electrons from H2O, generating O2 and a proton gradient subsequently used for ATP formation. It consists of a core antenna complex that captures photons, and an electron transfer chain that converts photonic excitation into a charge separation.
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