PSBK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSBK, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. indica (Rice) PSBK Polyclonal Antibody
Product Gene Name	anti-PSBK antibody
Product Synonym Names	PSBK Antibody; Photosystem II reaction center protein K; PSII-K; psbK 9311009
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. indica (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	6,982 Da
3D Structure	ModBase 3D Structure for P0C409
Immunogen	Recombinant Oryza sativa subsp. indica (Rice) psbK protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSBK antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PSBK antibody	MBS7150798 is an antibody targeting PSBK. Also known as Rabbit anti-Oryza sativa subsp. indica (Rice) PSBK Polyclonal Antibody. Reactive in Oryza sativa subsp. indica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-PSBK 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 PSBK. It may not necessarily be applicable to this product.

NCBI GI #	910355238
NCBI GeneID	25193323
NCBI Accession #	YP_009161347.1
UniProt Primary Accession #	P0C409
UniProt Secondary Accession #	P12162; Q6QXW2; Q6QY88

UniProt Related Accession #	P0C409
GenBank Nucleotide #	NC_027678.1
NCBI Official Full Name	PsbK (chloroplast)
NCBI Official Symbol	psbK
UniProt Protein Name	Photosystem II reaction center protein K
Protein Family	Photosystem II reaction center protein
UniProt Gene Name	psbK
UniProt Synonym Gene Names	PSII-K
NCBI Protein Information	PsbK
UniProt Comments for PSBK	One of the components of the core complex of photosystem II (PSII). 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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