# PSBK Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | PSBK, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Oryza sativa subsp. japonica (Rice) PSBK Polyclonal Antibody |
| **Product Gene Name** | anti-PSBK antibody |
| **Product Synonym Names** | PSBK Antibody; Photosystem II reaction center protein K; PSII-K; psbK LOC_Osp1g00140 Nip011 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Oryza sativa subsp. japonica (Rice) |
| **Form/Format** | Liquid<br>Preservative: 0.03% Proclin 300<br>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 P0C410 |
| **Immunogen** | Recombinant Oryza sativa subsp. japonica (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** | MBS7150672 is an antibody targeting PSBK. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) PSBK Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (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 #** | 11466767 |
| **NCBI GeneID** | 3131417 |
| **NCBI Accession #** | NP_039363.1 |
| **UniProt Primary Accession #** | P0C410 |
| **UniProt Secondary Accession #** | P12162; Q6QXW2; Q6QY88 |

| | |
|---|---|
| **UniProt Related Accession #** | P0C410 |
| **GenBank Nucleotide #** | NC_001320.1 |
| **NCBI Official Full Name** | photosystem II protein K (plastid) |
| **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** | PSII K protein |
| **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. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/psbk/7150672