

Product no **AS05 066****PsbX | small subunit X of PSII****Product information**

Immunogen | KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* PsbX sequence UniProt: [Q9SKI3](#)
TAIR: [At2g06520](#)

Host | Rabbit

Clonality | Polyclonal

Purity | Serum

Format | Lyophilized

Quantity | 200 µl

Reconstitution | For reconstitution add 200 µl of sterile water

Storage | Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Additional information | PsbX is a small (4 kDa) and very hydrophobic subunit of PSII, Immunoblots from SDS-gels (especially with high loading) may show higher molecular weight signals from PsbX not fully detached from other subunits of PSII, The use of 15% SDS-PAGE gels with 2-4 M urea is recommended when working with this antibody

Application information

Recommended dilution | 1 : 2500, 1 µg of chlorophyll/lane (WB)

Expected | apparent MW | 4 kDa

Confirmed reactivity | *Arabidopsis thaliana*

Predicted reactivity | Dictos, *Oryza sativa*, *Zea mays*
Species of your interest not listed? [Contact us](#)

Not reactive in | Cyanobacteria

Additional information | For an image of antibody detection in a western blot application see [Garcia-Cerdan et al. \(2008\)](#).

Selected references | [Hackett et al. \(2017\)](#). An Organelle RNA Recognition Motif Protein Is Required for Photosystem II Subunit psbF Transcript Editing. *Plant Physiol.* 2017 Apr;173(4):2278-2293. doi: 10.1104/pp.16.01623.