

Product no AS16 4064**Anti-NdhB | NAD(P)H-quinone oxidoreductase subunit 2 (chloro****Product information**

Anti-NdhB | NAD(P)H-quinone oxidoreductase subunit 2 (chloroplastic)

Immunogen	KLH-conjugated synthetic peptide derived from <i>Arabidopsis thaliana</i> NdhB protein sequence, UniProt: P0CC32 , P0CC33 , TAIR: AtCg00890 , ATCG01250
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 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.

Application information**Recommended dilution** | 1:1000 (WB)**Expected | apparent MW** | 35 kDa**Confirmed reactivity** | *Arabidopsis thaliana*, *Hordeum vulgare*, *Zea mays*

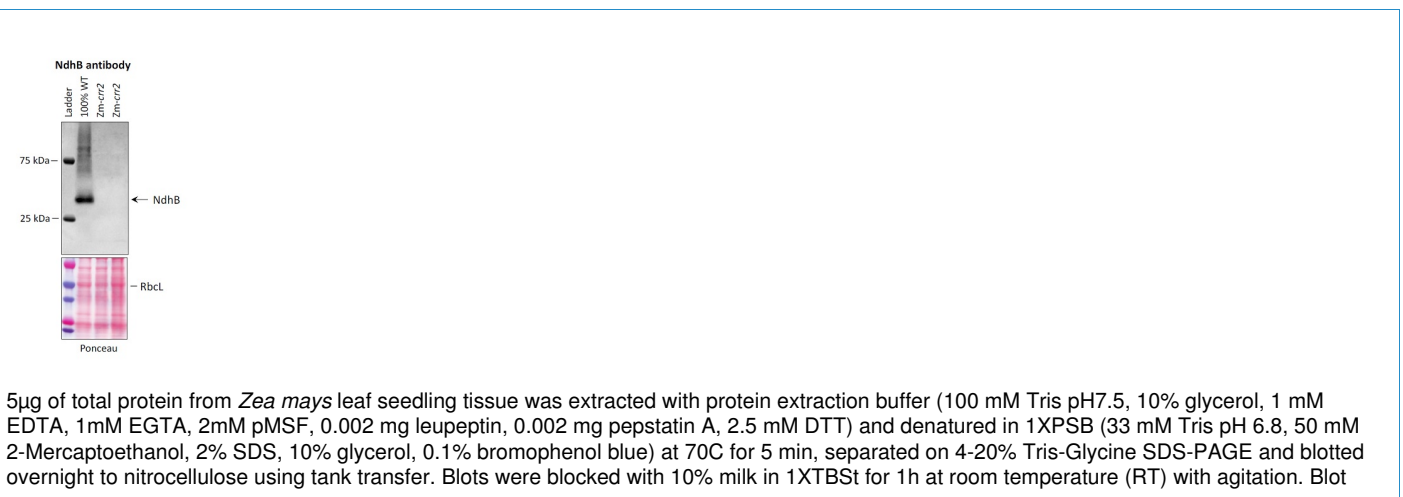
Predicted reactivity | *Anastatica hierochuntica*, *Arabis stelleri*, *Barbarea verna*, *Braya humilis*, *Bunias orientalis*, *Cakile arabica*, *Camelina sativa*, *Cannabis sativa*, *Capsella bursa-pastoris*, *Capsella rubella*, *Cardamine impatiens*, *Chorispota tenella*, *Cleomella serrulata*, *Cochlearia pyrenaica*, *Crucihimalaya wallichii*, *Dontostemon micranthus*, *Euclidium syriacum*, *Eutrema yunnanense*, *Farsetia stylosa*, *Fragaria ananassa*, *Hesperis matronalis*, *Ionopsidium acaule*, *Lepidium virginicum*, *Lobularia maritima*, *Megadenia pygmaea*, *Matthiola incana*, *Nasturtium officinale*, *Neotorularia korolkowii*, *Noccaea caerulescens*, *Olimarabidopsis pumila*, *Orychophragmus taibaiensis*, *Oryza sativa*, *Pachycladon ensyisii*, *Phaseolus vulgaris*, *Physaria ludoviciana*, *Pugionium cornutum*, *Schrenkiella parvula*, *Tarenaya hassleriana*, *Thlaspi arvense*
Species of your interest not listed? [Contact us](#)

Not reactive in | cyanobacteria, *Physcomitrella patens***Selected references** | [Penzler et al. \(2024\)](#). A pgr5 suppressor screen uncovers two distinct suppression mechanisms and links cytochrome b6f complex stability to PGR5. *Plant Cell*. 2024 Mar 27:koae098. doi: 10.1093/plcell/koae098.[Penzler et al. \(2022\)](#) Commonalities and specialties in photosynthetic functions of PROTON GRADIENTREGULATION5 variants in *Arabidopsis*. *Plant Physiol*. 2022;190(3):1866-1882. doi:10.1093/plphys/kiac363[Shen et al. \(2022\)](#) Architecture of the chloroplast PSI-NDH supercomplex in *Hordeum vulgare*. *Nature*. 2022

Jan;601(7894):649-654. doi: 10.1038/s41586-021-04277-6. Epub 2021 Dec 8. PMID: 34879391.

[Wada et al. \(2021\)](#) Identification of a Novel Mutation Exacerbated the PSI Photoinhibition in pgr5/pgl1 Mutants;Caution for Overestimation of the Phenotypes in *Arabidopsis pgr5-1* Mutant. *Cells*. 2021 Oct 26;10(11):2884. doi:

10.3390/cells10112884. PMID: 34831107; PMCID: PMC8616342.



was incubated in the primary antibody at a dilution of 1:1000 for 1h at RT with agitation in 10% milk in 1XTBS-T. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from Agrisera, [AS09 602](#)) diluted to 1:10,000 in 10% milk in 1XTBS-T for 1h at RT with agitation. The blot was washed as above and developed for 2 min with chemiluminescent detection reagent.

Courtesy Rosalind Carrier, University of Oregon, USA