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Product Datasheet

Anti-COXII | Plant Cytochrome oxidase subunit II (affinity purified), Rabbit, Polyclonal AGR-AS04-053A

Article Name	Anti-COXII Plant Cytochrome oxidase subunit II (affinity purified), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS04-053A
Supplier Catalog Number	AS04-053A
Alternative Catalog Number	AGR-AS04-053A
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	BN-PAGE, WB
Species Reactivity	Plant
Immunogen	KLH-conjugated synthetic peptide fully conserved in all available protein sequences from eudicots including Arabidopsis thaliana AtmG00160, monocots including Oryza sativa P04373 and Physcomitrella patens Q1XGA9
Product Description	Cytochrome c oxidase (COX) catalyzes the reduction of oxygen to water in the respiratory chain in the inner mitochondrial membrane. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 (COXII) transfers the electrons from cytochrome...
Clonality	Polyclonal
Molecular Weight	29.4 30 kDa (for Arabidopsis thaliana)
NCBI	3989052

UniProt	P04373
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 1000 (BN-PAGE), 1 : 1000 (WB)
Application Notes	Antibody detects COXII protein most optimally in membrane fractions. The signal is weak in a in total protein extract. Blue Native gel electrophoresis (BN-PAGE) has been performed on samples solubilized with digitonin (4:1) and loaded at 100 µg/well. Gel thickness was 2 mm with 4.5-16 % gradient.