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## Product Datasheet

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

Artikelname	Anti-COXII   Plant Cytochrome oxidase subunit II (affinity purified), Rabbit, Polyclonal
Artikelnummer	AGR-AS04-053A
Hersteller Artikelnummer	AS04-053A
Alternativnummer	AGR-AS04-053A
Hersteller	Agrisera
Wirt	Rabbit
Kategorie	Antikörper
Applikation	BN-PAGE, WB
Spezies Reaktivität	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
Produktbeschreibung	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...
Klonalität	Polyclonal
Molekulargewicht	29.4   30 kDa (for Arabidopsis thaliana)

NCBI	<a href="#">3989052</a>
UniProt	<a href="#">P04373</a>
Reinheit	Immunogen affinity purified serum in PBS pH 7.4.
Formulierung	Lyophilized
Antibody Type	Polyclonal Antibody
Application Verdünnung	1 : 1000 (BN-PAGE), 1 : 1000 (WB)
Anwendungsbeschreibung	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.