

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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	WB
Species Reactivity	Plant
Immunogen	KLH-conjugated synthetic peptide fully conserved in all available protein sequences from eudicots including <i>Arabidopsis thaliana</i> AtmG00160, monocots including <i>Oryza sativa</i> P04373 and <i>Physcomitrella patens</i> 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 <i>Arabidopsis thaliana</i> )
NCBI	<a href="#">3989052</a>

UniProt	<a href="#">P04373</a>
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.