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Product Datasheet

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

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| 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 <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 | 3989052 |

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| 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. |