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Product Datasheet

Anti-NR | Nitrate reductase, assimilatory, Polyclonal AGR-AS08-310

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| Article Name | Anti-NR Nitrate reductase, assimilatory, Polyclonal |
| Biozol Catalog Number | AGR-AS08-310 |
| Supplier Catalog Number | AS08-310 |
| Alternative Catalog Number | AGR-AS08-310 |
| Manufacturer | Agrisera |
| Host | Rabbit |
| Category | Antikörper |
| Application | WB |
| Species Reactivity | A. thaliana, Plant |
| Immunogen | KLH-conjugated synthetic peptide derived from conserved domain in NADH-NR protein sequences including A.thaliana NR1 P11832, At1g77760 and NR2 P11035, At1g37130 |
| Product Description | Assimilatory nitrate reductase (NR), (EC.1.6.6.1) catalyses the reduction of nitrate to nitrite in the cytoplasm. Plants contain 2 forms of NR: NADH-NR (most common form in plants and algae, predominantly found in green tissues) and NAD(P)H-NR (uses ... |
| Clonality | Polyclonal |
| Molecular Weight | 103 kDa 117 kDa |
| NCBI | 844112 |
| UniProt | P11832 |

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| Purity | Immunogen affinity purified serum in PBS pH 7.4. |
| Form | Lyophilized |
| Antibody Type | Polyclonal Antibody |
| Application Dilute | 1 : 500 -1 : 1000 (WB) |
| Application Notes | In <i>Chlamydomonas reinhardtii</i> anti-NR antibody is also reacting with L-Aminoacid Oxidase (a nitrogen scavenging enzyme induced during nitrogen starvation).Using this antibody genome editing in <i>Chlorella vulgaris</i> UTEX395 by CRISPR-Cas9 system has been demon |