

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

Product Datasheet

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

Article Name	Anti-NR Nitrate reductase, assimilatory, Rabbit, 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

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 Chlamydomonas reinhardtii anti-NR antibody is also reacting with L-Aminoacid Oxidase (a nitrogen scavenging enzyme induced during nitrogen starvation).Using this antibody genome editing in Chlorella vulgaris UTEX395 by CRISPR-Cas9 system has been demonstrated as described in Kim et al. (2021)Chemiluminescent detection is advised for NR detection using this antibody.