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Product Datasheet

Anti-GOGAT | Glutamine oxoglutarate aminotransferase, Rabbit, Polyclonal AGR-AS07-242

Article Name	Anti-GOGAT Glutamine oxoglutarate aminotransferase, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS07-242
Supplier Catalog Number	AS07-242
Alternative Catalog Number	AGR-AS07-242
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated synthetic peptide well conserved in known GOGAT sequences from different species including Arabidopsis thaliana Fd-GOGAT 1 Q9ZNZ7, At5g04140 and Fd-GOGAT 2 Q9T0P4, At2g41220
Product Description	Glutamine oxoglutarate aminotransferase (abbreviated as GOGAT) is an enzyme involved in synthesis of glutamate from glutamine and alpha-ketoglutarate. GOGAT has two forms in plants: ferredoxin-dependent GOGAT (Fd-GOGAT) and NADH-dependent GOGAT (NADH...
Clonality	Polyclonal
Molecular Weight	177 170-180 kDa depending upon the species
NCBI	818721

UniProt	Q9ZNZ7
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 1000 (WB)
Application Notes	This antibody can be used as a plastidial marker for leaf material, not roots where levels of GOGAT are too low. A 40 kDa band present in <i>A. thaliana</i> sample is not competed away during antibody neutralization assay. In this assay free peptide used for antibody production is incubated together with anti-GOGAT antibodies. Due to the MW of this protein we suggest to use a gradient gel for protein separation and a longer transfer time.