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Product Datasheet

Anti-PPDK | Pyruvate orthophosphate dikinase, Rabbit, Polyclonal AGR-AS13-2647

Article Name	Anti-PPDK Pyruvate orthophosphate dikinase, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS13-2647
Supplier Catalog Number	AS13-2647
Alternative Catalog Number	AGR-AS13-2647
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	Purified recombinant enzyme consisting of residues 72-947 of Zea mays, UniProt: P11155 Peptide used to elicit this antibody is conserved in both isoforms of PPDK in rice: PPDK1 and PPDK2.
Product Description	PPDK (Pyruvate, phosphate dikinase 1) is involved in formation of phosphoenolpyruvate and activated by light-induced dephosphorylation. Inhibited by dark-induced phosphorylation. PPDK is a low-abundance enzyme in C3 plants while it is a key enzyme of...
Clonality	Polyclonal
Molecular Weight	102 95 kDa
NCBI	827226
UniProt	O23404

Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 25 000 (WB)
Application Notes	PPDK levels in C3 plants like <i>Arabidopsis thaliana</i> and <i>Hordeum vulgare</i> are very low and PPDK protein is very dilute in most tissues of C3 plants. To perform detection in C3 plants leaf proteins need to be concentrated before western blot, Chastain et al. (2002).