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Product Datasheet

Anti-cFBPase | Cytosolic fructose-1,6-bisphosphatase (cytoplasm marker in photosynthetic tissues), Rabbit, Polyclonal AGR-AS04-043

Article Name	Anti-cFBPase Cytosolic fructose-1,6-bisphosphatase (cytoplasm marker in photosynthetic tissues), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS04-043
Supplier Catalog Number	AS04-043
Alternative Catalog Number	AGR-AS04-043
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IL, WB
Species Reactivity	A. thaliana, Plant
Immunogen	Overexpressed cytosolic fructose 1,6 bisphosphatase (cFBPase) derived from the sequence from Arabidopsis thaliana cFBPase UniProt: Q9MA79, TAIR: AT1G43670
Product Description	Fructose-1,6 bisphosphatase (FBPase) (EC=3.1.311) is one of the regulatory enzymes in the sucrose biosynthetic pathway. In non-photosynthetic tissues, it regulates the rate of gluconeogenesis. In photosynthetic tissues, two FBPase isozymes (chloropl...
Clonality	Polyclonal
Molecular Weight	45 37 kDa (Arabidopsis thaliana)
NCBI	840953

UniProt	Q9MA79
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1: 500 (IL), 1 : 5 000 (WB)
Application Notes	This antibody does not react with chloroplastic form of FBPase. Will this antibody be good as a cytosolic (non-microsomal control) in <i>Arabidopsis thaliana</i> roots? Although it has never been tested there is every likelihood that cFBPase will be expressed at reasonable levels even in roots. Even though the biosynthetic flux through to Sucrose may not be high as in mesophyll cells, central metabolism will still be active in young roots and the Sucrose etc being supplied externally still needs to be utilised.