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Product Datasheet

Anti-PGM1 | Phosphoglucomutase (cytoplasmic 1), Rabbit, Polyclonal AGR-AS15-3066

Article Name	Anti-PGM1 Phosphoglucomutase (cytoplasmic 1), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS15-3066
Supplier Catalog Number	AS15-3066
Alternative Catalog Number	AGR-AS15-3066
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	Plant
Immunogen	Recombinant phosphoglucomutase of Zea mays, UniProt: P93804
Product Description	Phosphoglucomutase is an enzyme which participates in both the breakdown and synthesis of glucose....
Clonality	Polyclonal
Molecular Weight	63 kDa
NCBI	542721
UniProt	P93804
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody

Application Dilute	1 : 1000 (WB)
Application Notes	Immunoprecipitation was performed by using Dynabeads Protein A: briefly 100 µl suspension was washed with 200 µl TTBS (Tris Buffered saline, 50 mM Tris-HCl pH 7.6 and 165 mM NaCl with 0.1% Tween 80) using the magnetic stands for concentrating the magnetic beads. After wash the beads were preincubated with 20 µl primary antibodies in 180 µl TTBS at room temperature for 30 minutes (minimum 15 minues). A first wash was followed afterwards with 200 µl TTBS and hence a real incubation with 200 µl plant extract (supernatant 20,000 x g for 3 min.), 200µl of TTBS and further 50 µl YeastBuster reagent (Novagen) containing a mixture of detergents to break and solubilize the mitochondria membrane. This incubation at room temperature was allowed to be under mild shaking to allow the beads to be in suspension. Hence supernatant was aspirated away by the use of the magnetic stand and two further washesing steps with 200 µl TTBS were performed prior mixing with 100 µl SDS-Sample buffer. Antibody is recognizing recombinant PGM1, overexpressed in E.coli.