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Product Datasheet

Anti-MDH4 | Malate dehydrogenase 4 (cytoplasmic), Rabbit, Polyclonal AGR-AS15-3065

Article Name	Anti-MDH4 Malate dehydrogenase 4 (cytoplasmic), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS15-3065
Supplier Catalog Number	AS15-3065
Alternative Catalog Number	AGR-AS15-3065
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	Plant
Immunogen	Recombinant MDH4 of Zea mays, UniProt: Q08062
Product Description	Malate dehydrogenase 4 (cytoplasmic), (EC:1.1.1.37) display catalytic activity in conversion of (S)-malate + NAD ⁺ = oxaloacetate + NADH....
Clonality	Polyclonal
Molecular Weight	33.5 kDa
NCBI	542598
UniProt	Q08062
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 also binding to recombinant MHD4 (see image below).