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Product Datasheet

Anti-BetaCA1 | Beta carbonic anhydrase 1 (chloroplastic), Rabbit, Polyclonal AGR-AS19-4321

Article Name	Anti-BetaCA1 Beta carbonic anhydrase 1 (chloroplastic), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS19-4321
Supplier Catalog Number	AS19-4321
Alternative Catalog Number	AGR-AS19-4321
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana
Immunogen	KLH-conjugated synthetic peptide, derived in the part C-terminus of BetaCA1 of Arabidopsis thaliana, UniProt: P27140, TAIR: At3g01500
Product Description	BetaCA1 (Beta carbonic anhydrase 1) (chloroplastic) - is a zinc metalloenzyme that interconvert CO ₂ and HCO ₃ ⁻ . Alternative names: ARABIDOPSIS THALIANA SALICYLIC ACID-BINDING PROTEIN 3, ATBCA1, ATSABP3, BETA CARBONIC ANHYDRASE 1, CA1, CARBONIC ANH...
Clonality	Polyclonal
Molecular Weight	37.5 25.3 kDa
NCBI	821134

UniProt	P27140
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 20 000 (WB)
Application Notes	Extraction method □" Grind 50 mg of leaf tissue in a sterile microcentrifuge tube using a sterile plastic pestle. Add 132μL of Protein Extraction Buffer (1x TE, 1.2 %SDS, 2.7% sucrose, 7.5 μg mL⁻¹ bromophenol blue) to the ground leaf tissue. Vortex the sample and keep on ice for 15 mins. Centrifuge at 14,000 rpm for five minutes using a benchtop centrifuge. Collect the supernatant and in a new sterile 0.5 ml microcentrifuge tube and discard the pellet. This antibody does not recognize betaCA2.