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Product Datasheet

Anti-CSD2 | Chloroplastic Cu/Zn superoxide dismutase, Rabbit, Polyclonal AGR-AS06-170

Article Name	Anti-CSD2 Chloroplastic Cu/Zn superoxide dismutase, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS06-170
Supplier Catalog Number	AS06-170
Alternative Catalog Number	AGR-AS06-170
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	overexpressed <i>Arabidopsis thaliana</i> Cu/ZnSOD O78310, At2g28190 with an N-terminal His-tag. Purified via Ni-column. The His-tag was cleaved and the protein was recovered via ion exchange on a 10 ml resource-Q (Pharmacia) column using a NaCl gradient. Pure fractions after dialysis against PBS has been used for immunization.
Product Description	Antioxidant system works as a defense against oxidative stress. SOD (superoxide dismutase) catalyzes the dismutation of superoxide into oxygen and H ₂ O ₂ . SODs are classified, according to their metal cofactor, as FeSOD, MnSOD, or Cu / ZnSOD. Chloropl...
Clonality	Polyclonal
Molecular Weight	22 19 kDa (<i>Arabidopsis thaliana</i>)
NCBI	817365

UniProt	O78310
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 1000-1 : 4000 (WB)
Application Notes	Note: Antibody is recognizing 19 kDa protein Csd2 (chloroplastic enzyme) and gives also low but noticeable reactivity to Csd1 (15 kDa) a cytosolic form