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## Product Datasheet

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

Article Name	Anti-CSD2   Chloroplastic Cu/Zn superoxide dismutase, 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 Arabidopsis thaliana 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
Product Description	Antioxidant system works as a defense against oxidative stress. SOD (superoxide dismutase) catalyzes the dismutation of superoxide into oxygen and H <sub>2</sub> O <sub>2</sub> . SODs are classified, according to their metal cofactor, as FeSOD, MnSOD, or Cu / ZnSOD. Chloropl...
Clonality	Polyclonal
Molecular Weight	22   19 kDa (Arabidopsis thaliana)
NCBI	<a href="#">817365</a>
UniProt	<a href="#">O78310</a>

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