BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

Product Datasheet

Anti-FeSOD | Chloroplastic Fe-dependent superoxide dismutase, Rabbit, Polyclonal
AGR-AS06-125

Article Name	Anti-FeSOD | Chloroplastic Fe-dependent superoxide dismutase, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS06-125
Supplier Catalog Number	AS06-125
Alternative Catalog Number	AGR-AS06-125
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	overexpressed Chlamydomonas reinhardtii thioredoxine fusion protein A8IGH1, FeSOD excised from a gel piece
Product Description	Antioxidant system works as a defense against oxidative stress. SOD (superoxide dismutase) catalyzes the dismutation of superoxide into oxygen and H,O,. SODs are classified, according to their metal cofactor, as FeSOD, MnSOD, or Cu / ZnSOD. Chloropla...
Clonality	Polyclonal
Molecular Weight	25 | 22 kDa
NCBI	5716112
UniProt	A8IGH1

Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 1500-1 : 5000 (WB)
Application Notes	The antibody will detect FeSOD enzyme only in plants grown on low Cu (0.1 µM).Reference: Salah et al (2005) Two P-type ATPases are required for copper delivery in Arabidopsis thaliana chloroplasts. Plant Cell, 17, 1233-1251Out of three FeSOD isoforms, FeSOD2 and FeSOD3 are not expressed in the roots. In roots of Arabidopsis thaliana, FeSOD1 is detected TakAA et al. (2018)This product can be sold containing ProClin if requested