

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Anti-MnSOD3 | Superoxide dismutase (Algal), Rabbit, Polyclonal AGR-AS21-4523

Article Name	Anti-MnSOD3   Superoxide dismutase (Algal), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS21-4523
Supplier Catalog Number	AS21-4523
Alternative Catalog Number	AGR-AS21-4523
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	Plant
Immunogen	Recombinant MnSOD3 of Chlamydomonas reinhardtii, product of a MSD3 gene Cre16.g676150, Phytozome
Product Description	MnSOD3 (Superoxide dismutase) is an chloroplastic enzyme which destroys radicals which are normally produced within the cells and which are toxic to biological systems. It is induced under Fe limitation, Mn Deficiency, and H2O2 stress as shown by Pag...
Clonality	Polyclonal
Molecular Weight	32   35 kDa
UniProt	<a href="#">D0ETH9</a>
Purity	Serum
Form	Lyophilized

Antibody Type	Polyclonal Antibody
Application Dilute	1: 1000 (WB)
Application Notes	Specific extraction method requires to be applied, check as published in Page et al. (2012).MnSOD3 can be only detected in Fe-limited cells (0.5 or 0.2 mM added Fe) (i.e., samples exhibiting the novel MnSOD activity) but not in cells grown with higher concentrations of added Fe.