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## Product Datasheet

### Anti-Cu/ZnSOD | Cu/Zn superoxide dismutase, Polyclonal AGR-AS10-652

|                            |  |
|----------------------------|--|
| Article Name               | Anti-Cu/ZnSOD   Cu/Zn superoxide dismutase, Polyclonal   |
| Biozol Catalog Number      | AGR-AS10-652   |
| Supplier Catalog Number    | AS10-652   |
| Alternative Catalog Number | AGR-AS10-652   |
| Manufacturer               | Agrisera   |
| Host                       | Gallus   |
| Category                   | Antikörper   |
| Application                | WB   |
| Species Reactivity         | Plant  |
| Immunogen                  | 15 amino acids synthetic peptide designed from olive pollen cytosolic Cu/Zn cDNA consensus sequences (GenBank Accessions EU250757 to EU250797), UniProt Q8L5E0   |
| 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           | 15.3   16 kDa (Olea europaea L.)   |
| UniProt                    | <a href="#">Q8L5E0</a>   |
| Purity                     | Purified, total IgY in 10 mM Tris, 150 mM NaCl, 0.02% sodium azide.  |

|                    |  |
|--------------------|--|
| Form               | Liquid   |
| Antibody Type      | Polyclonal Antibody  |
| Application Dilute | 1 : 1500 with Alexa 488 (WB)   |
| Application Notes  | Note: Antibody recognizes two to three isoforms of Cu/Zn SOD in olive pollen depending on the olive cultivar |