

Product no **AS18 4243****Cu/ZnSOD | Cu/Zn superoxide dismutase****Product information**

<b>Immunogen</b>	Full length, recombinant OeCSD1,1,B protein, accession no, EU250769,1
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 µl, of sterile water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
<b>Additional information</b>	Reaction of the antibody to chloroplastic SOD isoform has not been determined yet

**Application information**

<b>Recommended dilution</b>	1 : 1500 (WB)
<b>Expected   apparent MW</b>	15.3   16 kDa ( <i>Olea europaea</i> L.)
<b>Confirmed reactivity</b>	<i>Olea europaea</i> (pollen)
<b>Predicted reactivity</b>	<i>Ananas ananas</i> , <i>Betula pendula</i> , <i>Camellia sinensis</i> , <i>Citrus</i> sp., <i>Codonis lanceolata</i> , <i>Cucurbita ficifolia</i> , <i>Gossypium</i> sp., <i>Helianthus</i> sp., <i>Hordeum vulgare</i> , <i>Lycopersicum esculentum</i> , <i>Plantago major</i> , <i>Populus trichocarpa</i> , <i>Solanum nigrum</i> , <i>Solanum tuberosum</i> , <i>Solidago</i> sp., <i>Vitis vinifera</i>
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Marchantia polymorpha</i>
<b>Additional information</b>	Note: Antibody recognizes two to three isoforms of Cu/Zn SOD in olive pollen depending on the olive cultivar
<b>Selected references</b>	<a href="#">Zafra</a> et al. (2018). Identification of novel superoxide dismutase isoenzymes in the olive ( <i>Olea europaea</i> L.) pollen. BMC Plant Biol. 2018 Jun 8;18(1):114. doi: 10.1186/s12870-018-1328-z.