

Product no **AS07 219****Anti-CCS | Chloroplastic copper chaperone for SOD****Product information**

<b>Immunogen</b>	The antibody was raised to the Arabidopsis thaliana full length CCs protein <a href="#">Q4ZJ15</a> , fused to His-tag. Overexpressed using pET28a vector in BL21 E. coli (Cd+) and purified using His-column. After purification, the His tag was cleaved using thrombin and then the protein was purified using Resource-Q column connected to HPLC.
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µl
<b>Reconstitution</b>	For reconstitution add 200 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.

**Application information**

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	33.8   37 kDa ( <i>Arabidopsis thaliana</i> )
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Brassica juncea</i> , <i>Oryza sativa</i> , <i>Zea mays</i>
<b>Predicted reactivity</b>	<i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Solanum tuberosum</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Selected references</b>	<a href="#">Speth</a> et al. (2013). RACK1 scaffold proteins influence miRNA abundance in Arabidopsis. Plant J. Aug 13. <a href="#">Abdel-Ghany</a> et al (2005). .AtCCS is a functional homolog of the yeast copper chaperone Ccs1/Lys7. FEBS Lett. 11:2307-12.