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This product is for research use only (not for diagnostic or therapeutic use)

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Product no AS16 3958 Anti-CO | Constans (chicken antibody) **Product information**

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Immunogen	KLH-conjugated peptide derived from protein sequence of Arabidopsis thaliana CO protein, UniProt: Q39057, TAIR: At5g15840	
Host	Chicken	
Clonality	Polyclonal	
Purity	Immunogen affinity purified serum in PBS pH 7.4.	
Format	Lyophilized	
Quantity	50 μg	
Reconstitution	for reconstitution please add 50 μ l of dest, water	
Storage	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.	
Additional information	Recommended protocol for CO protein extraction <u>Serrano-Bueno</u> et al. 2020. Detection has to be done on a nuclear extract preparation in the evening on a Long Day that is the moment when CO protein is more stable.	
Application information		
Recommended dilution	1: 1000 (WB)	

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Expected apparent MW	41.9 kDa
Confirmed reactivity	Arabidopsis thaliana (recombinant CO)
Predicted reactivity	Camelina sativa, Chrysanthemum sp., Solanum lycopersicum
Not reactive in	Brassica oleracea var. oleracea, Brassica rapa, Raphanus sativus, Vitis vinifera
Selected references	To be added when available, antibody released in February 2021.