

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

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 µl 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 [Serrano-Bueno 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)

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.