

Product no **AS16 3160****Anti-CO | Constans (goat antibody)****Product information**

Immunogen	KLH-conjugated peptide derived from protein sequence of <i>Arabidopsis thaliana</i> CO protein, UniProt: Q39057 , TAIR: At5g15840
Host	Goat
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	Antibody is recognizing recombinant CO protein. Detection conditions in endogenous extract remain to be determined. 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	<i>Arabidopsis thaliana</i> (recombinant CO)
Predicted reactivity	Camelina sativa, Chrysanthemum sp. Species of your interest not listed? Contact us
Not reactive in	<i>Brassica oleracea</i> var. <i>oleracea</i> , <i>Brassica rapa</i> , <i>Raphanus sativus</i> , <i>Vitis vinifera</i>