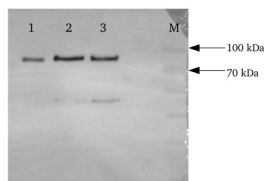


Product no **AS14 2774****ACC synthase 7 | 1-aminocyclopropane-1-carboxylate synthase 7****Product information**

Immunogen	KLH-conjugated synthetic peptide derived from <i>Arabidopsis thaliana</i> ACC synthase 7, UniProt: Q9STR4 , TAIR: AT4G26200
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	100 µg
Reconstitution	For reconstitution add 100 µl of sterile 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	ACS7 protein levels are too low to allow detection in endogenous cell extract

Application information

Recommended dilution	1 : 500 (WB)
Expected apparent MW	50,6 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Arabidopsis thaliana</i>
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

Application example

10 µg of total protein extract from *Nicotiana benthamiana* leaves expressed ACS7–His–GST (**1**), 5 µg of purified ACS7–His–GST from *N. benthamiana* ACS7–His–GFP fusion protein transiently expressed in *N. benthamiana* leaves was purified on Ni-NTA resin (**2**) and (**3**). Samples were separated on 10% SDS–PAGE and transferred to PVDF membrane by semi-dry blotting (1h). Blot was blocked with 3% skim milk in PBS–T (0,01% Tween 20) for 1h in RT with agitation. Then blot was incubated with primary antibody anti ACS7 at dilution of 1:500 in PBS–T for 1h in RT with agitation. After washes (3 times for 5 min. in PBS–T) blot was incubated with secondary antibody (anti–rabbit IgG horse radish peroxidase conjugated, from Agrisera, [AS09_602](#)) at dilution 1:25000 for 1h in RT. The blot was washed 5 times for 5 min. with PBS–T and developed for 2 min with ECL–Plus according to the manufacturer's instructions. Exposure time was 3 min.

Courtesy of Dr. Agata Cieřła, Ludwików's lab, UAM, Poland