

product **AS06 195**
ABA | abscisic acid

product information

background	Abscisic acid (ABA) is a plant hormone involved in different physiological responses as stimulation of the closure of stomata (water stress brings about an increase in ABA synthesis), inhibition of shoot growth, and many others. ABA shown to have both inhibitory as well as many promoting functions.		
immunogen	BSA-conjugated abscisic acid		
antibody format	rabbit polyclonal	total IgG in PBS, Phosphate 10mmol/l ; NaCl 150mmol/l at pH 7.35	lyophilized
quantity	100 µl, for reconstitution add 50 µl of sterile water and 50 µl of glycerol		
storage	store lyophilized/reconstituted at -20°C; this aliquote can be freezed and thawed for up to five times and showed stability for at least 2 years. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.		
tested applications	ELISA (ELISA), immunolocalization (IL)		
additional information	to be added when available		

application information

recommended dilution	1: 5000 - 1: 10 000 (ELISA), 1: 100 (IL)
expected apparent MW	n.a.
confirmed reactivity	<i>Euphorbia pulcherrima</i>
predicted reactivity	dicots and monocots
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	for detailed immunolocalization protocol check "more information"
selected references	to be added when available

application example

Immunolocalization of ABA in *Euphorbia pulcherrima* Willd. Ex Klotzsch 'Lilo' floder pedicel shoots according to [Lee](#) et al. 2008. Primary antibody used in dilution 1: 100, secondary antibody anti-rabbit IgG-alkaline phosphatase-conjugate (Sigma, USA) has been used at a dilution of 1: 100. For further description of the method used please check "more information".

