

product **AS09 446**

**ABA | abscisic acid (C1) (for immunolocalization)**

## product information

<b>background</b>	Abcisic acid ( <b>ABA</b> ) 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.
<b>immunogen</b>	<u>BSA</u> -conjugated abscisic acid (C1) via C1 carboxyl group
<b>antibody format</b>	rabbit polyclonal affinity purified serum, liquid containing 50% glycerol
<b>quantity</b>	200 µg
<b>storage</b>	store at -20°C; avoid repeated freeze-thaw cycles. 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.
<b>tested applications</b>	immunolocalization (IL)
<b>additional information</b>	useful references for immunolocalization work: <a href="#">DeWitte et al. (1999)</a> . Dynamics of cytokinins in apical shoot meristems of a day neutral tobacco during floral transition and flower formation. <i>Plant Physiol.</i> 119:111-121. <a href="#">Shiozaki et al. (1999)</a> . Localisation of abscisic acid in grape berry by immunohistochemical techniques. <i>J. Japan Hort.Sci.</i> 68:1-9. <a href="#">Skene et al. (1987)</a> . Model systems for the immunolocalisation of cis, trans-abscisic acid in plant tissues. <i>Planta</i> 172:192-199. <a href="#">Sosountozov et al. (1986)</a> . Immunoelectron-microscopy localisation of abscisic acid with colloidal gold on Lowicryl-embedded tissues of <i>Chenopodium polyspermum</i> L. <i>Planta</i> 168: 471-481. <a href="#">Zavala et al. (1983)</a> . Localisation of a phytohormone using immunocytochemistry. <i>J.Cell Biol.</i> 97:1235-1239.

## application information

<b>recommended dilution</b>	specific information about dilution is going to be included on a vial
<b>expected   apparent MW</b>	n.a.
<b>confirmed reactivity</b>	abscisic acid (C1)
<b>predicted reactivity</b>	abscisic acid (C1)
<b>not reactive in</b>	no confirmed exceptions from predicted reactivity known in the moment
<b>additional information</b>	for ELISA kit - please <a href="#">inquire</a>
<b>selected references</b>	to be added when available

# Agrisera

Antibodies for research

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

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