

product **AS09 442**

Cytokinin | ortho-topolin riboside (for immunolocalization)

product information

background	Cytokinins (CK) belong to a class of plant growth substances (plant hormones) which promote cell division by means of local and long distance signalling. Zeatin is an adenine-type cytokinin synthesised in stems, leaves and roots.
immunogen	<u>BSA</u> -conjugated, via ribose, ortho-topolin riboside
antibody format	rabbit polyclonal affinity purified serum,
quantity	200 µg
storage	store at -20°C; make aliquots to 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.
tested applications	immunolocalization (IL)
additional information	useful references for immunolocalization work: DeWitte et al. (1999). 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. Shiozaki et al. (1999). Localisation of abscisic acid in grape berry by immunohistochemical techniques. <i>J. Japan Hort. Sci.</i> 68:1-9. Skene et al. (1987). Model systems for the immunolocalisation of cis, trans-abscisic acid in plant tissues. <i>Planta</i> 172:192-199. Sosountzov et al. (1986). 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. Zavala et al. (1983). Localisation of a phytohormone using immunocytochemistry. <i>J. Cell Biol.</i> 97:1235-1239.

application information

recommended dilution	specific information about dilution is going to be included on a vial
expected apparent MW	n.a.
confirmed reactivity	ortho-topolin riboside
predicted reactivity	ortho-topolin riboside
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	for ELISA kit - please inquire
selected references	to be added when available