

product **AS09 431**

Cytokinin | cis-zeatin 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 riboside, cis-zeatin 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	immunocytochemistry (IC)
additional information	useful references for immunolocalization work: <u>DeWitte</u> 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. <u>Shiozaki</u> et al. (1999). Localisation of abscisic acid in grape berry by immunohistochemical techniques. <i>J. Japan Hort. Sci.</i> 68:1-9. <u>Skene</u> et al. (1987). Model systems for the immunolocalisation of cis, trans-abscisic acid in plant tissues. <i>Planta</i> 172:192-199. <u>Sosountzov</u> 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. <u>Zavala</u> 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	cis-zeatin riboside
predicted reactivity	cis-zeatin riboside
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	for 1 mg of antibodies for ELISA and immunoassay or for ELISA kit - please <u>inquire</u> . Antibodies are supplied in 50% glycerol.
selected references	to be added when available

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Antibodies for research

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

contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 035 33033 | www.agrisera.com