

Product no **AS09 415****Cytokinin | N6-isopentenyladenosine (1 mg)****Product information**

Immunogen	BSA-conjugated, via ribose, N6-isopentenyladenosine
Host	Rabbit
Clonality	Polyclonal
Purity	Total IgG. Protein G purified in PBS.
Format	Lyophilized
Quantity	1 mg
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 | Cytokinin | N6-isopentenyladenosine (1 mg)**Application information**

Recommended dilution	2-10 µl/15 ml; Specific information about dilution is going to be included on the vial
Confirmed reactivity	N6-isopentenyladenosine
Predicted reactivity	N6-isopentenyladenosine
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	This antibody recognize a6A but not m6A or A, which is caused by the geometrical similarity between isopentenyl and allyl (Shu et al., 2020).
Selected references	Shu et al. (2022) m6A-label-seq: A metabolic labeling protocol to detect transcriptome-wide mRNA N6-methyladenosine (m6A) at base resolution, STAR Protocols, Volume 3, Issue 1, 2022, 101096, ISSN 2666-1667, https://doi.org/10.1016/j.xpro.2021.101096 . Alvarez et al. (2020) . Hormonal and gene dynamics in de novo shoot meristem formation during adventitious caulogenesis in cotyledons of Pinus pinea. Plant Cell Rep. 2020 Jan 28. doi: 10.1007/s00299-020-02508-0.