

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

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## 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 iis caused by the geometrical similarity between isopentenyl and

Additional information This antibody recognize a6A but 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.

<u>Alvarez</u> 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.