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Product no AS22 4831

LEA4-5 (78-158) | Late embryogenesis abundant protein 4-5 (C-terminal)

Product information

Immunogen Part of a recombinant Arabidopsis thaliana LEA4-5, corresponding to position 78-158, UniProt: Q9FG31, TAIR:

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 50 ul

Reconstitution For reconstitution add 50 μl of sterile water

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.

Application information

Recommended dilution 1:2000 (WB)

Expected | apparent MW

16 kDa

Confirmed reactivity Arabidopsis thaliana

Predicted reactivity | Species of your interest not listed? Contact us

Not reactive in No confirmed exceptions from predicted reactivity are currently known

Selected references Antibody made available in February 2023.



The amount of purified protein or peptide used in these dot blot experiments is indicated in the scheme on the right side of the image (2 ng to 200 ng). As specificity controls, we used 200 ng of purified AtLEA4-5 and of a peptide corresponding to the AtLEA4-5 C-region. In all cases equal volumes of the different samples were dotted on Nitrocellulose Blotting Membrane 0.45 µm Amersham TM Protran TM Premium. Once samples were dry, membranes were blocked with non-fat milk 5% (W/V) during eight hours at 4°C with agitation. Blots were incubated with primary antibody at the indicated dilution for two days at 4°C with slow agitation. The antibody solution was decanted, and blots were rinsed briefly, then washed once for 15 min and 2-times for 5 min in TBS-T at room temperature (RT) with agitation. Subsequently, blots were incubated with secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 for 8 h at RT with agitation. The blot was washed as described above and developed for 2 min with using chemiluminescent detection reagent according to manufacture recommendations.. Exposure time was 60 seconds.

Courtesy of Dr. Alejandra A. Covarrubias, Universidad Nacional Autónoma de México, Mexico