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**Product no** AS22 4830

# LEA4-5 (1-77) | Late embryogenesis abundant protein LEA4-5 (N-terminal)

## Product information

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|---|---|
| **Immunogen** | Recombinant *Arabidopsis thaliana* LEA4-5 amino acid 1-77, UniProt: Q9FG31 , TAIR: AT5G06760 |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Purity** | Serum |
| **Format** | Lyophilized |
| **Quantity** | 50 µl |
| **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

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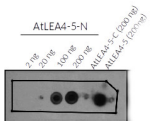
| **Recommended dilution** | 1 : 1000 (WB) |
| **Expected \| apparent MW** | 16 kDa |
| **Confirmed reactivity** | *Arabidopsis thaliana* |
| **Predicted reactivity** | Species of your interest not listed? Contact us |
| **Not reactive in** | No confirmed exceptions from predicted reactivity are currently known |
| **Additional information** | This antibody is recognizning 20 ng of recombinant AtLEA4-5 protein. |
| **Selected references** | To be added when available. Antibody released in February 2023. |




The amount of purified protein or peptide used in these dot western blot experiments is indicated above 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 the chemiluminescent detection reagent. Exposure time was 60 seconds.

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