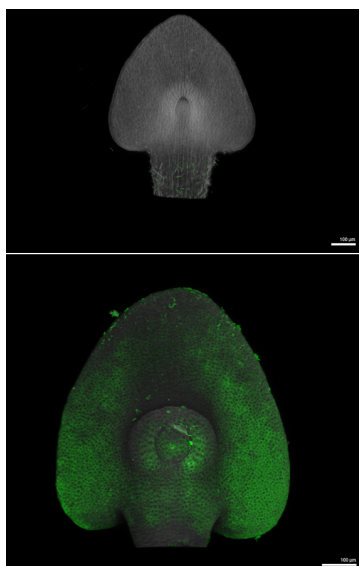


Product no **AS22 4801****Anti-PIN1 | Auxin efflux carrier component 1 (monocots)****Product information**

| | |
|-----------------------|---|
| Immunogen | KLH-conjugated peptide derived from <i>Zea mays</i> PIN1, UniProt: Q0MWY2 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Antigen affinity purified serum, in PBS pH 7.4 |
| Format | Lyophilized |
| Quantity | 50 µg |
| Reconstitution | For reconstitution, add 50 µl of sterile or deionized water. |
| Storage | Store lyophilized/reconstituted at -20°C; once reconstituted 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. |

Application information

| | |
|-------------------------------|---|
| Recommended dilution | 1 : 50 (IF) |
| Expected apparent MW | 65.194 kDa (due to N-terminal or C-terminal processing) |
| Confirmed reactivity | <i>Zea mays</i> |
| Predicted reactivity | <i>Oryza sativa</i> |
| | Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Selected references | To be added when available, antibody available in August 2024. |



Type of material: Maize coleoptile stage embryos

Fixation: formaldehyde | Methanol, 37°C. Both FFA and Methanol, sequentially.

Hydrophilization: yes

Cell wall digestion: yes

Membrane permeabilization: Proteinase K incubation

Antigen retrieval: no

Blocking buffer: 3% BSA in 1x PBS

Washing buffer: 1x PBS-T

Primary antibody dilution and incubation time: 1% BSA in 1x PBS, 1:50, overnight at 4 °C.

Secondary antibody: 1% BSA in 1x PBS, 1:50, overnight at 4 °C, Alexa fluor-488 (Anti-Rabbit and -Mouse, Thermo Fisher)

Co-staining of the nucleus (DAPI): no
Cell wall and nucleus staining: Calcofluor white