

Product no **AS19 4273****Anti-EIN3 | Ethylene insensitive 3****Product information**

Immunogen	Recombinant EIN3 of <i>Arabidopsis thaliana</i> , UniProt: Q24606 , TAIR: At3g20770
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 (short term, months) or at -80°C (long term, years) ; 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 : 1000 (WB)
Expected apparent MW	71.4 78 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Populus trichocarpa</i>
Not reactive in	<i>Medicago truncatula</i>
Additional information	Western blot conditions for anti-EIN3 antibodies are described in Smalle et al. 2002 . Recommended membrane for blocking: nitrocellulose, blocking reagent: 10 % non-fat milk, antibody incubation buffer: PBS-T.
Selected references	Park et al. (2023) Ethylene-triggered subcellular trafficking of CTR1 enhances the response to ethylene gas. Nat Commun. 2023;14(1):365. Published 2023 Jan 23. doi:10.1038/s41467-023-35975-6 Gagne et al. (2004) . Arabidopsis EIN3-binding F-box 1 and 2 form ubiquitin-protein ligases that repress ethylene action and promote growth by directing EIN3 degradation. Proc Natl Acad Sci U S A. 2004 Apr 27;101(17):6803-8.