

Product no **AS11 1629****Anti-HSP90-2 | heat shock protein 90-2****Product information**

Immunogen	Full length recombinant HSP90-2 of <i>Arabidopsis thaliana</i> , UniProt: F4K6B6-1 , TAIR: AT5G56030
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	100 µl
Reconstitution	For reconstitution add 100 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.
Additional information	Antibody reacts more with constitutive isoform Hsp90-2 than heat inducible Hsp90-1

Application information

Recommended dilution	1 : 3000 (WB)
Expected apparent MW	80.6 95 kDa (<i>Arabidopsis thaliana</i>)
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Sorghum bicolor</i>
Predicted reactivity	<i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Micromonas pulsilla</i> , <i>Nicotiana benthamina</i> , <i>Nicotiana tabacum</i> , <i>Ostreococcus lucimarinus</i> , <i>Oryza sativa</i> , <i>Physcomitrium patens</i> , <i>Populus balsamifera</i> , <i>Ricinus communis</i> , <i>Solanum tuberosum</i> , <i>Triticum aestivum</i> , <i>Zea mays</i> , <i>Vitis vinifera</i> Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	This product can be sold containing ProClin if requested
Selected references	Wang et al. (2025) . The apoplastic pH is a key determinant in the hypocotyl growth response to auxin dosage and light. Nat Plants. 2025 Feb;11(2):279-294. doi: 10.1038/s41477-025-01910-4. Epub 2025 Feb 14. Gao et al. (2021) Identification of a bacterial-type ATP-binding cassette transporter implicated in aluminum tolerance in sweet sorghum (<i>Sorghum bicolor</i> L.). Plant Signal Behav. 2021 Jul 3;16(7):1916211. doi: 10.1080/15592324.2021.1916211. Epub 2021 May 26. PMID: 34034635; PMCID: PMC8205057. Barghetti et al. (2017) . Heat-shock protein 40 is the key farnesylation target in meristem size control, abscisic acid signaling, and drought resistance. Genes Dev. 2017 Nov 15;31(22):2282-2295. doi: 10.1101/gad.301242.117. He et al. (2012) . Specific Missense Alleles of the <i>Arabidopsis</i> Jasmonic Acid Co-Receptor COI1 Regulate Innate Immune Receptor Accumulation and Function. PLoS Genetics, Open Access.