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Product no AS19 4266

Anti-RPN10 | 26S proteasome regulatory subunit RPN10

Product information

Immunogen	HIS-tagged RPN10 of A*rabidopsis thaliana* UniProt: P55034-1, TAIR: At4g38630 expressed in *E. coli* and purified by metal-chelate affinity chromatography
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 tem, 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 : 3000 (WB)
Expected | apparent MW	40.7 | 40 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Gossypium hirsutum, Noccaea caerulescens, Theobroma cacao* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	For Western blot detection image, please check van Nocker et al. (1996).
Selected references	Xie et al. (2024). Proteasome resides in and dismantles plant heat stress granules constitutively. Mol Cell. 2024 Sep 5;84(17):3320-3335.e7. doi: 10.1016/j.molcel.2024.07.033. Mu et al. (2024). Plastid HSP90C C-terminal extension region plays a regulatory role in chaperone activity and client binding.Plant J. 2024 Jul 5.doi: 10.1111/tpj.16917. Huang et al (2021). Parasitic modulation of host development by ubiquitin-independent protein degradation. Cell. 2021 Sep 30;184(20):5201-5214.e12. doi: 10.1016/j.cell.2021.08.029. Epub 2021 Sep 17. PMID: 34536345; PMCID: PMC8525514. van Nocker et al. (1996). Arabidopsis MBP1 gene encodes a conserved ubiquitin recognition component of the 26S proteasome. Proc Natl Acad Sci U S A. 1996 Jan 23;93(2):856-60.