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Product no AS19 4263

Anti-RPT4a | 26S proteasome AAA-ATPase subunit RPT4a

Product information

Immunogen	Full-length recombinant RPT4a of *Arabidopsis thaliana,* UniProt: Q9SEI3-1, TAIR: At5g43010, overexpressed in *E.coli*
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	44.8 | 44 kDa
Confirmed reactivity	*Arabidopsis thaliana, Zea mays*
Predicted reactivity	*Actinidia chinensis, Artemisia annua, Capsicum chinense, Cicer arietinum, Helianthus annuus, Medicago truncatula, Nicotiana sylvestris, Noccaea tabacum, Solanum tuberosum, Trifolium pratense, Ricinus communis, Vigna radiata* 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 also recognizing RPT4b isofrom
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. Marshall et al. (2015). Autophagic Degradation of the 26S Proteasome Is Mediated by the Dual ATG8/Ubiquitin Receptor RPN10 in Arabidopsis. Mol Cell. 2015 Jun 18;58(6):1053-66. doi: 10.1016/j.molcel.2015.04.023.