

Product no **AS19 4263****Anti-RPT4a | 26S proteasome AAA-ATPase subunit RPT4a****Product information**

<b>Immunogen</b>	Full-length recombinant RPT4a of <i>Arabidopsis thaliana</i> , UniProt: <a href="#">Q9SEI3-1</a> , TAIR: <a href="#">At5g43010</a> , overexpressed in <i>E.coli</i>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 µl of sterile water
<b>Storage</b>	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**

<b>Recommended dilution</b>	1 : 3000 (WB)
<b>Expected   apparent MW</b>	44.8   44 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Zea mays</i>
<b>Predicted reactivity</b>	<i>Actinidia chinensis</i> , <i>Artemisia annua</i> , <i>Capsicum chinense</i> , <i>Cicer arietinum</i> , <i>Helianthus annuus</i> , <i>Medicago truncatula</i> , <i>Nicotiana sylvestris</i> , <i>Noccaea tabacum</i> , <i>Solanum tuberosum</i> , <i>Trifolium pratense</i> , <i>Ricinus communis</i> , <i>Vigna radiata</i>
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	This antibody is also recognizing RPT4b isoform
<b>Selected references</b>	<a href="#">Xie et al. (2024)</a> . 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. <a href="#">Marshall et al. (2015)</a> . 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.