

Product no **AS15 3068****Anti-S4 | Mitochondrial ribosomal small subunit protein S4****Product information**

Immunogen	KLH-conjugated peptide derived from <i>Arabidopsis thaliana</i> S4. UniProt: Q31708 , TAIR: ATMG00290
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	For reconstitution add 50 µl of sterile water. Lyophilized antibody can be stored at -20 or -80°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	This product can be sold containing proclin if requested

Application information

Recommended dilution	1 : 1000 (WB)
Expected apparent MW	43 40 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Aegilops longissima</i> , <i>Amborella trichopoda</i> , <i>Asclepias syriaca</i> , <i>Bambusa oldhamii</i> , <i>Batis maritima</i> , <i>Brassica carinata</i> , <i>Brassica napus</i> , <i>Brassica oleracea</i> , <i>Capsicum annuum</i> , <i>Calycanthus floridus</i> , <i>Carica papaya</i> , <i>Citrullus lanatus</i> , <i>Couepia guianensis</i> , <i>Cucumis sativus</i> , <i>Cucurbita pepo</i> , <i>Chrysobalanus icaco</i> , <i>Daucus carota</i> , <i>Dasiphora fruticosa</i> , <i>Eruca sativa</i> , <i>Ferocalamus rimosivaginus</i> , <i>Fragaria virginiana</i> , <i>Francoa sonchifolia</i> , <i>Glycine max</i> , <i>Hirtella physophora</i> , <i>Hyoscyamus niger</i> , <i>Laurus nobilis</i> , <i>Licania heteromorpha</i> , <i>Lolium perenne</i> , <i>Lonicera sp.</i> Bergthorsson, <i>Liriodendron tulipifera</i> , <i>Magnolia stellata</i> , <i>Medicago truncatula</i> , <i>Melanthus villosus</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Parinari campestris</i> , <i>Phoenix dactylifera</i> , <i>Piper betle</i> , <i>Pisum sativum</i> , <i>Platanus occidentalis</i> , <i>Raphanus sativus</i> , <i>Ricinus communis</i> , <i>Spirodela polyrhiza</i> , <i>Tripsacum dactyloides</i> , <i>Zea luxurians</i> , <i>Vicia faba</i> Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Kolodziejczak et al. (2018) . m-AAA Complexes Are Not Crucial for the Survival of Arabidopsis Under Optimal Growth Conditions Despite Their Importance for Mitochondrial Translation. <i>Plant Cell Physiol.</i> 2018 May 1;59(5):1006-1016. doi: 10.1093/pcp/pcy041. Kwaśniak et al. (2013) . Silencing of nuclear RPS10 gene encoding mitochondrial ribosomal protein alters translation in Arabidopsis mitochondria. <i>Plant Cell</i> 25 (5): 1855-1867.