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Product no AS15 3067

Anti-S10 | Mitochondrial ribosomal small subunit protein S10

Product information

Immunogen	KLH-conjugated peptide derived from *Arabidopsis thaliana* S10. UniProt:P42797, TAIR:AT3G22300
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.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	27 | 21 kDa
Confirmed reactivity	*Arabidopsis thaliana, Nicotiana tabacum, Hordeum vulgare, Spinacia oleracea*
Predicted reactivity	*Amborella trichopoda, Aneura pinguis, Arundo donax, Asclepias syriaca, Capsicum annuum, Carica papaya, Chara vulgaris, Chlorella sp. ArM0029B, Chrysobalanus icaco, Citrullus lanatus, Couepia guianensis, Cucumis sativus, Cucurbita pepoDaucus carota, Erythranthe guttata, Geranium brycei, Glycine max, Gossypium harknessii, Hirtella physophora, Hyoscyamus niger, Licania heteromorpha, Liriodendron tulipifera , Lobosphaera incisa, Lotus japonicus , Marchantia polymorpha, Mesostigma viride, Millettia pinnata, Nicotiana tabacum, Nitella hyalina, Oryza sativa subsp. japonica, Oxalis triangularis subsp. papilionacea, Parinari campestris, Phlegmariurus squarrosus, Pisum sativum, Pleurozia purpurea, Ricinus communis, Salvia miltiorrhiza, Spinacia oleracea, Treubia lacunosa, Triticum aestivum, Utricularia gibba, Vaccinium macrocarpon, Vicia faba, Vigna radiata, Vitis vinifera, Zea mays* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Kwasniak-Owczarek et al. (2026). Dysregulated 3'-end processing of 18S pre-rRNA decreases mtPNPase efficiency in plant mitochondria. Nucleic Acids Res. 2026 Jun 8;54(11):gkag609. doi: 10.1093/nar/gkag609. Kwaśniak et al. (2013). Silencing of nuclear RPS10 gene encoding mitochondrial ribosomal protein alters translation in Arabidopsis mitochondria. Plant Cell 25 (5): 1855-1867.