

Product no **AS15 3069****L16 | Mitochondrial ribosomal large subunit protein L16****Product information**

<b>Immunogen</b>	KLH-conjugated peptide derived from <i>Arabidopsis thaliana</i> L16. <i>Arabidopsis thaliana</i> , UniProt: <a href="#">Q95747</a> , TAIR: <a href="#">AtMg00080</a>
<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>	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**

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	20   20 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Aegilops speltoides</i> , <i>Agave attenuata</i> , <i>Albuca bracteata</i> , <i>Amborella trichopoda</i> , <i>Asarum sp. Qiu</i> , <i>Bambusa oldhamii</i> , <i>Batis maritima</i> , <i>Brassica napus</i> , <i>Brassica oleracea</i> , <i>Calycanthus floridus</i> , <i>Capsicum annuum</i> , <i>Carica papaya</i> , <i>Citrullus lanatus</i> , <i>Cucumis sativus</i> , <i>Cucurbita pepo</i> , <i>Cycas taitungensis</i> , <i>Eichhornia crassipes</i> , <i>Eruca sativa</i> , <i>Erythranthe guttata</i> , <i>Geranium brycei</i> , <i>Ginkgo biloba</i> , <i>Glycine max</i> , <i>Gossypium harknessii</i> , <i>Helianthus annuus</i> , <i>Hevea brasiliensis</i> , <i>Hyoscyamus niger</i> , <i>Laurus nobilis</i> , <i>Liriodendron tulipifera</i> , <i>Lolium perenne</i> , <i>Lonicera sp. Bergthorsson</i> , <i>Lotus japonicus</i> , <i>Magnolia soulangeana</i> , <i>Millettia pinnata</i> , <i>Nicotiana tabacum</i> , <i>Nymphaea sp. Bergthorsson</i> , <i>Oenothera berteriana</i> , <i>Oryza sativa</i> , <i>Panax ginseng</i> , <i>Petunia hybrida</i> , <i>Pinus thunbergii</i> , <i>Platanus occidentalis</i> , <i>Phaseolus angularis</i> , <i>Philodendron hederaceum var. oxycardium</i> , <i>Phoenix dactylifera</i> , <i>Raphanus sativus</i> , <i>Rhazya stricta</i> , <i>Ricinus communis</i> , <i>Salvia miltiorrhiza</i> , <i>Solanum tuberosum</i> , <i>Sorghum bicolor</i> , <i>Spirodela polyrhiza</i> , <i>Triticum aestivum</i> , <i>Triticum timopheevii</i> , <i>Tripsacum dactyloides</i> , <i>Zea mays</i> , <i>Vaccinium macrocarpon</i> , <i>Vicia faba</i> , <i>Vigna radiata</i> , <i>Vitis vinifera</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>Selected references</b>	<a href="#">Wang et al. (2020)</a> Rerouting of ribosomal proteins into splicing in plant organelles. BioRxiv, DOI: 10.1101/2020.03.03.974766 . <a href="#">Kolodziejczak et al. (2018)</a> . m-AAA Complexes Are Not Crucial for the Survival of Arabidopsis Under Optimal Growth Conditions Despite Their Importance for Mitochondrial Translation. Plant Cell Physiol. 2018 May 1;59(5):1006-1016. doi: 10.1093/pcp/pcy041. <a href="#">Kwaśniak et al. (2013)</a> . Silencing of nuclear RPS10 gene encoding mitochondrial ribosomal protein alters translation in Arabidopsis mitochondria. Plant Cell 25 (5): 1855-1867.