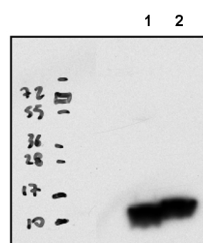


Product no **AS16 4082****RPL33 | 50S ribosomal protein L33 (chloroplastic)****Product information**

Immunogen	KLH-conjugated peptide, derived from <i>Arabidopsis thaliana</i> RPL33 UniProt: P56796 , TAIR: AtCg00640
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	for reconstitution add 50 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°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: 2000 - 1: 5000 (WB)
Expected apparent MW	7,6 10 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Hordeum vulgare</i> , <i>Zea mays</i>
Predicted reactivity	<i>Acacia restiacea</i> , <i>Berberis bealei</i> , <i>Blossfeldia liliputana</i> , <i>Boehmeria spicata</i> , <i>Braya humilis</i> , <i>Calochortus albus</i> , <i>Citrullus colocynthis</i> , <i>Corymbia gummiifera</i> , <i>Croomia heterosepala</i> , <i>Croton texensis</i> , <i>Cucurbita pepo</i> , <i>Dodonaea viscosa</i> , <i>Eucalyptus salmonophloia</i> , <i>Fragaria ananassa</i> , <i>Gossypium populifolium</i> , <i>Hippophae rhamnoides</i> , <i>Holodiscus discolor</i> , <i>Khaya senegalensis</i> , <i>Lessertia frutescens</i> , <i>Morus alba</i> var. <i>atropurpurea</i> , <i>Natsiatum herpeticum</i> , <i>Oryza sativa</i> , <i>Pachycladon cheesemaniai</i> , <i>Pereskia sacharosa</i> , <i>Polylepis</i> sp., <i>Potentilla lancinata</i> , <i>Ranzania japonica</i> , <i>Ribes fasciculatum</i> var. <i>chinense</i> , <i>Rubus niveus</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Sonneratia alba</i> , <i>Trifolium semipilosum</i> , <i>Typha domingensis</i> , <i>Urophysa rockii</i> , <i>Vicia faba</i> , <i>Vicia sepium</i> , <i>Ximenia americana</i>
	Species of your interest not listed? Contact us
Not reactive in	cyanobacteria
Additional information	Ccross reacting bands may appear when total cell extract is analysed,

Application example

10 µg of stromal protein from *Arabidopsis thaliana* (1) and *Zea mays* (2) denatured at 95°C 10 minutes were separated on 4-20% SDS-PAGE gradient gel and blotted 1h to PVDF using wet transfer (80V 1 h 30 minutes). Blot was blocked with 5 % milk in TBS-T 1h/RT. Blot was incubated in the primary antibody at a dilution of 1: 2 000 in TBS-T or ON/4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in Agrisera matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated [AS09 602](#)) diluted to 1:20 000 in for 1h/RT with agitation. The blot was washed as above and developed with chemiluminescent detection reagent and touch exposure was applied.

Courtesy of Dr. Louis-Valentin Mereignier, CNRS, France