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Product no AS22 4799

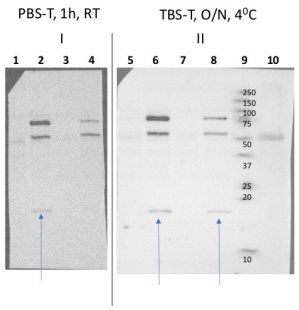
Anti-L10 | Ribosomal protein L10 family protein

Product information

Immunogen	KLH-conjugated peptide derived from *Arabidopsis thaliana* L10 protein, UniProt: Q9LHH1, TAIR: AT3G12370
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 or deionized water.
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Additional information	Using more concetrated primary antibody combined with higher protein load/well and conditions which increased L10 levels, may contribute to detection of L10 in endogenous samples.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	19.1 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassica napus, Nicotiana tabacum, Solanum lycopersicum, Solanum tuberosum, Oryza sativa, Zea mays* Species of your interest not listed? Contact us
Not reactive in	*Chlamydomonas reinhardtii*
Selected references	To be added when available, antibody available in November 2026.



Samples:
1 – 30 µg of *Arabidopsis thaliana* WT mitochondria (10-week-old-plants, SD)
2 - 30 µg of *Arabidopsis thaliana* rps10 mitochondria (10-week-old-plants, SD)
3 – 15 µg of *Arabidopsis thaliana* WT mitochondria (10-week-old-plants, SD)
4 - 15 µg of *Arabidopsis thaliana* rps10 mitochondria (10-week-old-plants, SD)
5- 30 µg of *Arabidopsis thaliana* WT mitochondria (10-week-old-plants, SD)
6 - 30 µg of *Arabidopsis thaliana* rps10 mitochondria (10-week-old-plants, SD)
7--15 µg of *Arabidopsis thaliana* WT mitochondria (10-week-old-plants, SD)
8 - 15 µg of *Arabidopsis thaliana* rps10 mitochondria (10-week-old-plants, SD)
9- Marker
10 –30 µg of *Arabidopsis thaliana* WT leaf extract (4-day-old seedlings, constant light)

Mitochondria/total protein extract isolated freshly from *Arabidopsis thaliana* rossette leaves/seedlings. Samples were separated in the RT on 12 % SDS-PAGE and blotted for 2 h to PVDF in the RT. Blot was blocked with 10 % milk for 1h/RT with agitation. I blot was incubated in the primary antibody at a dilution of 1: 3000 for 1h/RT in PBS-T with agitation. II blot was incubated in the primary antibody at a dilution of 1: 3000 for O/N in TBS-T with agitation. The antibody solution was decanted and the blot was rinsed briefly, then washed once for 15 min and 3 times for 5 min in PBS-T/TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:

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25000 in PBS-T or TBS-T with 5 % milk for 1 h/RT with agitation. The blot was washed as above and developed with a following chemiluminescent detection reagent. Exposure time was 2 minutes.
Note:
Using more concetrated primary antibody combined with higher protein load/well and conditions which increased L10 levels, may contribute to detection of L10 in endogenous samples.

Courtesy of Dr. Małgorzata Kwaśniak-Owczarek, University of Wrocław, Polan