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Product no AS22 4883

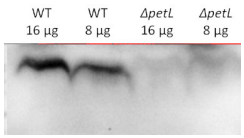
Anti-PetL | Cytochrome b6-f complex subunit 6

Product information

Immunogen	KLH-conjugated peptide derived from *Nicotiana tabacum* PetL protein sequence, UniProt: P69401
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen 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	The antibody needs to be used on a thylakoid fraction. No band is going to be obtained in Western blot on a total cell extract.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	3.4 | kDa (due to N-terminal or C-terminal processing)
Confirmed reactivity	*Nicotiana tabacum*
Predicted reactivity	*Arabidopsis thaliana, Elsholtzia minima, Plantago ovata, Solanum aloysiifolium, Solanum lycopersicum, Solanum tuberosum, Zea mays* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody available in March 2024.



8-16 µg/well of thylakoids extracted from *Nicotiana tabacum*. Exact buffer components were: 50 mM Hepes-KOH pH 7.5, 100 mM sorbitol, 10 mM MgCl2 and denatured with 0.1 M Tris/HCl pH 6.8, 0.24% glycerol, 8% SDS, 2% b-mercaptoethanol, 0.2 mg/ml Coomassie Blue G250 at 95 °C 10 min. Samples were separated in the cold on 10 % SDS-tricine and blotted for overnight to PVDF, using wet transfer in the cold. Blot was blocked with 4 % milk for 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 500 for ON/4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 10 min and 3 times in TBS-T at RT with agitation. Blot was incubated in matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, AS09 602) diluted to 1: 25 000 1h/RT for 1h/RT with agitation. The blot was washed as above and developed with a following chemiluminescent detection reagent: AgriseraBright, AS16 ECL-N. Exposure time was 25 seconds.

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