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Product no AS09 512

Anti-Lhcb4 | CP29 (Lhcb4) homolog (Ostreococcus tauri)

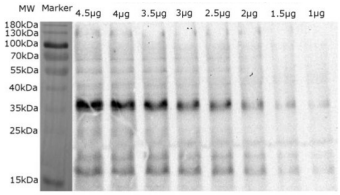
Product information

Immunogen	KLH-conjugated synthetic peptide derived from Lhcb4 (CP29) protein sequence from *Ostreococcus tauri* Q3B9U8
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	200 µl
Reconstitution	For reconstitution add 200 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 (WB)
Expected | apparent MW	27 | 27 kDa
Confirmed reactivity	*Coccomyxa subellipsoidea, Ostreococcus tauri*
Predicted reactivity	*Bathycoccus prasinos, Micromonas* sp., Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

Application example



1.0-4.5 µg of chlorophyll from *Coccomyxa subellipsoidea* cells were loaded to lanes. Samples were denatured with Laemmli buffer at 75°C for 5 min and were separated on 12% SDS-PAGE and blotted 30 min to PVDF using wet transfer. Blot was blocked with 5% milk in TBS for 2h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 2000 overnight at 4°C with agitation in 1% milk in TBS-T. The antibody solution was decanted and the blot was washed 4 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from Agrisera, AS09 602) diluted to 1:25 000 in 1% milk in TBS-T for 1h at RT with agitation. The blot was washed 5 times for 5 min in TBS-T and 2 times for 5 min in TBS, and developed for 1 min with 1.25 mM luminol, 0.198 mM coumaric acid and 0.009% H_2O_2 in 0.1 M Tris- HCl, pH 8.5. Exposure time in ChemiDoc System was 115 seconds.

Courtesy MSc Paweł Rogowski, Warsaw University, Poland