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Product no AS21 4527

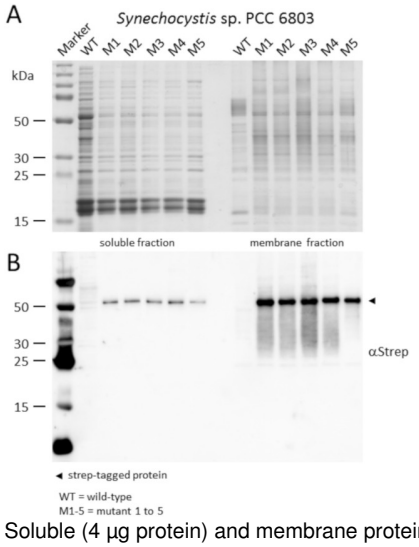
Anti-Strep-tag®II-Tag antibodies (polyclonal)

Product information

Immunogen	KLH-conjugated synthetic peptide Strep-tag®II epitope tag, sequence: ASWSHPQFEKGA
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 : 1000 (WB)
Confirmed reactivity	Strep-tag®II-proteins
Selected references	To be added when available, antibody available in March 2022.



Soluble (4 µg protein) and membrane proteins (corresponding to 0,25 µg of chlorophyll a) from Synechocystis sp. PCC 6803 were extracted with and resuspended in ACA buffer (750 mM -amino caproic acid; 50 mM BisTris/HCl, pH 7.0; 0.5 mM EDTA). Samples were denatured with 2x sample buffer (125mM Tris, pH=6,8; 200mM DTT; 4% (w/v) SDS; 20% (w/v) Glycerin; 0,02% (w/v) bromophenolblue) at room temperature (RT) for 1h. The proteins were separated on 12.5 % SDS PAGE (Bis-Tris) gels and blotted for 60 min onto a nitrocellulose membrane using a wet transfer system (BioRad). The membrane was blocked with 5% milk powder in PBS-T for 1 h at RT with agitation. The blot was then incubated overnight with the primary antibody (anti Strep-tag, Agrisera, AS21 4527) at a dilution of 1:1.000 in PBS-T at 4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly, then washed three times for 20 min in PBS-T with agitation. The blot was incubated using a matching secondary antibody (anti-rabbit IgG horseradish peroxidase conjugated) diluted to 1:10 000 in PBS-T for 1 h at RT with agitation. The blot was washed three times for 10 min with PBS-T and two times for 10 minutes with PBS. Subsequently, the membrane was incubated with AgriseraECL SuperBright solutions (AS16 ECL-S-10) for 1 minute. The differently exposed films were developed using a NDT DÜRR developer.

Courtesy of Dr. Marko Böhm, University of Kiel, Germany