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Product no AS13 2668

Anti-Plastid acyl-ACP desaturase

Product information

Immunogen Putative mature form of Chlamydomonas reinhardtii plastid acyl-ACP desaturase expressed in E.coli, UniProt: A8IQB8

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 50 μl

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 1:1000-1:1500 (WB)

Expected | apparent

40 | 35 kDa

Confirmed reactivity Chlamydomonas reinhardtii

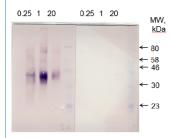
Predicted reactivity Volvox carteri

Species of your interest not listed? Contact us

Not reactive in No confirmed exceptions from predicted reactivity are currently known

Additional information Antibody dilution is going to be higher with ECL

Application example



20 μg of soluble protein from *Chlamydomonas reinhardii*, were separated on 10% SDS-PAGE and blotted for 1 h to nitrocellulose. Blots were blocked with 1% milk in PBS-T for 1 h at room temperature (RT) with agitation. Blot was incubated in the plastid acyl-ACP desaturase antibody in 1% milk in PBS-T at a dilution 1: 1500 for 2 h at RT with agitation (left panel) or pre-immune serum (right panel). 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 PBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit lgG, ALP conjugated) diluted to 1:3 000 in for 1 h at RT with agitation. The blot was washed as above and reaction was visualized using BCIP/NBT.

Courtesy Dr. Dudley Page, UCLA, USA