

This product is for research use only (not for diagnostic or therapeutic use)

contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS13 2731

Anti-FBA | Fructose-bisphosphate aldolase class 2

Product information

Immunogen Recombinant FBA from *Synechocystis* sp. PCC6803, UniProt: <u>Q55664.</u> Cyanobase: <u>sll0018</u>

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 50 μl

Reconstitution For reconstitution add 50 μl of sterile water

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.

Additional information This antibody can be used as a marker of cytoplasmic fraction in cyanobacteria

Application information

Recommended dilution 1:1000 (WB)

Expected | apparent

38.9 kDa

Confirmed reactivity Synechocystis PCC6803

Predicted reactivity

Cyanobacteria

Species of your interest not listed? Contact us

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

Application example



From 0.15 to 5.17 µg of total protein from Synechocystis PCC6803 (A) extracted with SDS-sample buffer and respective amounts of recombinant FBA (B) were separated on 15 % SDS-PAGE and blotted 1h to PVDF. Blots were blocked with 5 % milk powder in TBS-T for 30 min. at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 1h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 3 times for 7 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in for 1h at RT with agitation. The blot was washed as above and developed for 2 min with ECL according to the manufacturer's instructions. Exposure time was seconds.

Courtesy of Yichen Zhang, Department of Biochemistry and Molecular Biology, University of Massachusetts, USA