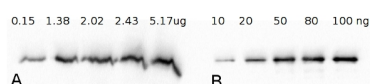


Product no **AS13 2731****Anti-FBA | Fructose-bisphosphate aldolase class 2****Product information**

<b>Immunogen</b>	Recombinant FBA from <i>Synechocystis</i> sp. PCC6803, UniProt: <a href="#">Q55664</a> , Cyanobase: <a href="#">sll0018</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 µl of sterile water
<b>Storage</b>	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.
<b>Additional information</b>	This antibody can be used as a marker of cytoplasmic fraction in cyanobacteria

**Application information**

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	38.9 kDa
<b>Confirmed reactivity</b>	<i>Synechocystis</i> PCC6803
<b>Predicted reactivity</b>	Cyanobacteria
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	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