



Anti succinate dehydrogenase/fumarate reductase, flavoprotein subunit (SdhA)

Background

SdhA (FrdA, slr1233) is a subunit of succinate dehydrogenase in a unicellular cyanobacterium *Synechocystis* sp. PCC 6803. Succinate dehydrogenase catalyzes the reaction between succinate and fumarate using FADH₂.

Product type	Primary Antibody
Immunogen	Synthetic peptide (CSRGSHAREDFPSRDD)
Raised in	Rabbit
Source	Serum
Purification	Immunogen affinity purified
Buffer	Phosphate Buffered Saline (PBS) with 50 % glycerol and ProClin 300 (15 ppm)
Concentration	1.70 mg/mL
Volume	100 uL
Label	Unlabeled
Specificity	<i>Synechocystis</i> sp. PCC 6803 SdhA
Storage	Store at -20 °C
Recommended Dilutions	Western blotting (1 : 4000) Other applications have not been tested or not reactive. Optimal dilutions/concentrations should be determined by the end user.

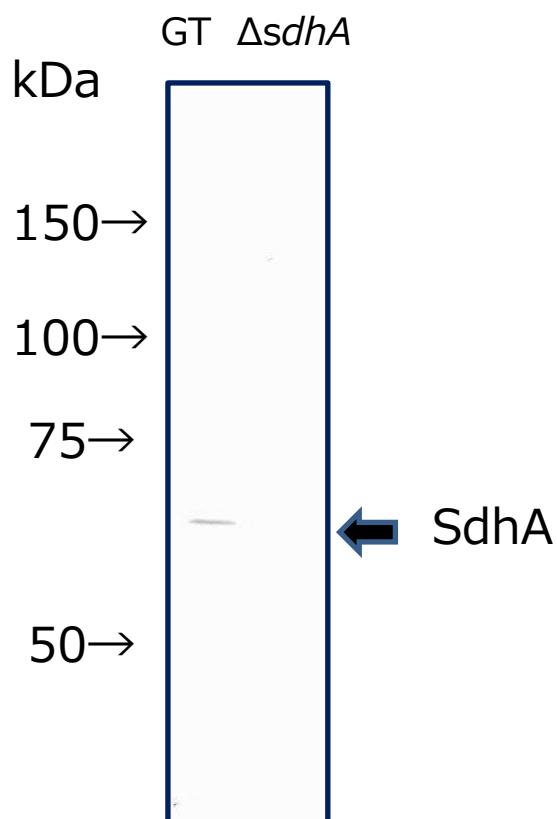


Fig 1. Western blot analysis of SdhA in glucose-tolerant strain of *Synechocystis* sp. PCC 6803 (GT) and in *sdhA* deletion mutant ($\Delta sdhA$)
 Predicted molecular weight : 63.7 kDa
 Primary antibody : anti SdhA antibody at 1:4000 dilution
 Secondary antibody : Alkaline phosphatase conjugated anti rabbit IgG antibody at 1:20000 dilution

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