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Product no AS12 2618

FMR | Fumarate reductase

Product information

Immunogen KLH-conjugated synthetic peptide derived Chlamydomonas reinhardtii FMR protein seqeunce, UniProt: A8IQY2 protein ID 145357.

Host Rabbit

Clonality Polyclonal

Purity Immunogen affinity purified serum in PBS pH 7.4.

Format Lyophilized

Quantity 200 μg

Reconstitution For reconstitution add 200 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)

Expected | apparent MW 40 kDa

Confirmed reactivity Chlamydomonas reinhardtii

Predicted reactivity | Gonium pectorale, Leishmania mexicana, Naegleria gruberi (Amoeba), Nannochloropsis gaditana

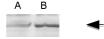
Species of your interest not listed? Contact us

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

Selected references Subramanian et al. (2014). Profiling Chlamydomonas Metabolism under Dark, Anoxic H 2 Producing Conditions Using

a Combined Proteomic, Transcriptomic, and Metabolomic Approach. J Proteome Res. 2014 Oct 21.

application example



25 μg of total protein from *Chlamydomonas reinhardtii*, oxic conditions (A), dark anoxia (B) were separated on 4-15 % SDS-PAGE and blotted 1h to PVDF. Blotting was done using SNAP-ID kit: incubation in blocking buffer for 1 min., following incubation in a primary antibody at a dilution of 1: 1 000 for 20 min, wash three times with wash buffer TBS-T, followed by incubation in a secondary antibody at a dilution of 1: 5000, for 20 min. and three times wash in TBS-T. The blot was washed and developed with alkaline phosphatase color development reagent according to the manufacturer's instructions.

Courtesy of Dr. Alexandra Dubini