

STRONG CHILDREN'S RESEARCH CENTER

Summer 2013 Research Scholar

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ABSTRACT

Title: Immunoprecipitation of ATP synthase using c subunit antibodies

Background: ATP synthase is the fifth complex in the oxidative phosphorylation pathway. This multisubunit protein complex is more than 600 kDa, consisting of two distinct portions, F_O and F₁. The hydrophobic F_O portion, that performs proton translocation, is embedded into the inner mitochondrial membrane and