



[Go to Product page](#)

Datasheet for ABIN7170919  
**anti-SUCLG2 antibody (AA 161-292) (HRP)**

### Overview

Quantity:	100 µg
Target:	SUCLG2
Binding Specificity:	AA 161-292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUCLG2 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial protein (161-292AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	SUCLG2
Alternative Name:	SUCLG2 ( <a href="#">SUCLG2 Products</a> )
Background:	Background: GTP-specific succinyl-CoA synthetase functions in the citric acid cycle (TCA),

## Target Details

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coupling the hydrolysis of succinyl-CoA to the synthesis of GTP and thus represents the only step of substrate-level phosphorylation in the TCA. The beta subunit provides nucleotide specificity of the enzyme and binds the substrate succinate, while the binding sites for coenzyme A and phosphate are found in the alpha subunit.

Aliases: EC 6.2.1.4 antibody, G BETA antibody, GBETA antibody, GTP specific succinyl-CoA synthetase beta subunit antibody, GTP specific succinyl-CoA synthetase subunit beta antibody, GTP-specific succinyl-CoA synthetase subunit beta antibody, mitochondrial antibody, SCS betaG antibody, SCS-betaG antibody, SUCB2\_HUMAN antibody, Succinate CoA ligase GDP forming beta subunit antibody, Succinate-Coenzyme A ligase, GDP-forming, beta subunit antibody, Succinyl CoA ligase GDP forming beta chain mitochondrial antibody, Succinyl CoA synthetase betaG chain antibody, Succinyl-CoA ligase [GDP-forming] subunit beta antibody, Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial antibody, Succinyl-CoA synthetase beta-G chain antibody, SUCLG2 antibody

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UniProt: [Q96199](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.