

Suc1g2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15413**Specification****Suc1g2 Antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	O9Z2I8
Other Accession	NM_011507 , NP_035637
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa kDa

Suc1g2 Antibody - N-terminal region - Additional Information**Gene ID** 20917**Alias Symbol** **AF171077, AW556404, D6Wsu120e****Other Names**

Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial, 6.2.1.4, GTP-specific succinyl-CoA synthetase subunit beta, Succinyl-CoA synthetase beta-G chain, SCS-betaG, Suc1g2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Suc1g2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Suc1g2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Suc1g2 Antibody - N-terminal region - Protein Information**Name** Suc1g2 {ECO:0000255|HAMAP-Rule:MF_03221}**Function**

GTP-specific succinyl-CoA synthetase functions in the citric acid cycle (TCA), 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.

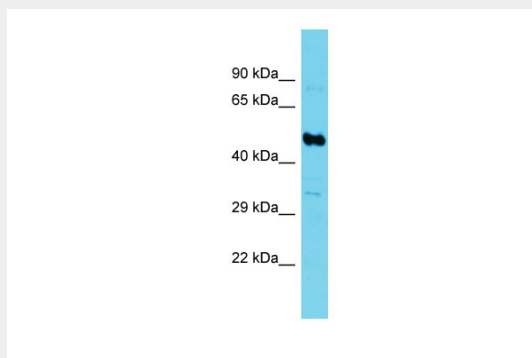
Cellular Location

Mitochondrion {ECO:0000255|HAMAP-Rule:MF_03221}.

Suc1g2 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Suc1g2 Antibody - N-terminal region - Images

Host: Rabbit

Target Name: Suc1g2

Sample Tissue: Mouse Kidney lysates

Antibody Dilution: 1.0µg/ml

Suc1g2 Antibody - N-terminal region - References

Carninci P., et al. Science 309:1559-1563(2005).

Johnson J.D., et al. J. Biol. Chem. 273:27580-27586(1998).

Park J., et al. Mol. Cell 50:919-930(2013).

Rardin M.J., et al. Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013).