

Datasheet for ABIN7601694  
**anti-SUCLG2 antibody (AA 42-424)**



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## Overview

Quantity:	100 µg
Target:	SUCLG2
Binding Specificity:	AA 42-424
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUCLG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-SUCLG2 Antibody Picoband®
Immunogen:	E.coli-derived human SUCLG2 recombinant protein (Position: E42-K424).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SUCLG2 Antibody Picoband® (ABIN7601694). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	SUCLG2
Alternative Name:	SUCLG2 ( <a href="#">SUCLG2 Products</a> )
Background:	<p>Synonyms: Neuropeptides B/W receptor type 1, G-protein coupled receptor 7, NPBWR1, GPR7</p> <p>Tissue Specificity: Found in cerebellum and frontal cortex. Detected at high levels in hippocampus, amygdala and trachea, at moderate levels in fetal brain, pituitary gland and prostate. Not in caudate, accumbens, kidney or liver. Also detected at high levels in lung carcinoma.</p> <p>Background: Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial is an enzyme that in humans is encoded by the SUCLG2 gene on chromosome 3. This gene encodes a GTP-specific beta subunit of succinyl-CoA synthetase. Succinyl-CoA synthetase catalyzes the reversible reaction involving the formation of succinyl-CoA and succinate. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 5 and 12.</p>
Molecular Weight:	47 kDa
Gene ID:	8801
UniProt:	<a href="#">Q96I99</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Johnson, J. D., Mehus, J. G., Tews, K., Milavetz, B. I., Lambeth, D. O. Genetic evidence for the expression of ATP- and GTP-specific succinyl-CoA synthetases in multicellular eucaryotes. J. Biol. Chem. 273: 27580-27586, 1998.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

## Handling

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Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.