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Datasheet for ABIN1886025 **anti-SUCLA2 antibody (AA 138-386)**

Overview

Quantity:	100 µL
Target:	SUCLA2
Binding Specificity:	AA 138-386
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUCLA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 138 and 386 of human SUCLA2
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SUCLA2
Alternative Name:	SUCLA2 (SUCLA2 Products)
Background:	Succinyl-CoA synthetase (SCS) is a mitochondrial matrix enzyme that acts as a heterodimer, being composed of an invariant alpha subunit and a substrate-specific beta subunit. The protein encoded by this gene is an ATP-specific SCS beta subunit that dimerizes with the SCS alpha subunit to form SCS-A, an essential component of the tricarboxylic acid cycle. SCS-A hydrolyzes

Target Details

ATP to convert succinate to succinyl-CoA. Defects in this gene are a cause of myopathic mitochondrial DNA depletion syndrome. A pseudogene of this gene has been found on chromosome 6. [provided by RefSeq]

Molecular Weight: 50 kDa

Gene ID: 8803

NCBI Accession: [NM_003850](#), [NP_003841](#)

Application Details

Application Notes: Suggested dilutions:
Western blotting: 1.500-1.3000
Immunohistochemistry: 1.50-1.500
Immunofluorescence: 1.100-1.200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: Biohazard Informations: This product contains thimerosal which is hazardous.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.