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Datasheet for ABIN2789920 anti-SUCLA2 antibody (N-Term)

Image



Overview

100 μL
SUCLA2
N-Term
Human, Mouse, Rat, Cow, Horse, Pig, Dog, Guinea Pig, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Rabbit
Polyclonal
This SUCLA2 antibody is un-conjugated
Western Blotting (WB)
LKGGVKIVFS PEEAKAVSSQ MIGKKLFTKQ TGEKGRICNQ VLVCERKYPR
Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%,
Rabbit: 100%, Rat: 100%, Yeast: 91%, Zebrafish: 93%
Rabbit: 100%, Rat: 100%, Yeast: 91%, Zebrafish: 93% This is a rabbit polyclonal antibody against SUCLA2. It was validated on Western Blot.
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Target Details	
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 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.
	Alias Symbols: A-BETA, SCS-betaA, MTDPS5
	Protein Interaction Partner: FAM9B, CMTM5, AGTRAP, ARL6IP1, SUMO2, UBC, gag-pol,
	MRPL12, RBM4, OXCT1, IDH3A, AGFG1, S100A16, NADK2, HPDL, NIT2, SEC22B, GRHPR,
	SUCLG1, SDHA, RRM1, AGO4, ICT1, PSMD14, ALAS2,
	Protein Size: 463
Molecular Weight:	45 kDa
Gene ID:	8803
NCBI Accession:	NM_003850, NP_003841
UniProt:	Q9P2R7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 463 AA
Restrictions:	For Research Use only

Handling

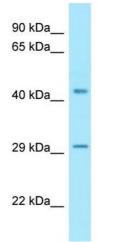
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

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Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-SUCLA2 Antibody Catalog Number: ARP64676 Lot Number: QC35386 Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1.