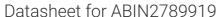
antibodies - online.com







anti-SUCLA2 antibody (C-Term)



Image



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Quantity:	100 μL
Target:	SUCLA2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Pig, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUCLA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	FDLQDWTQED ERDKDAAKAN LNYIGLDGNI GCLVNGAGLA MATMDIIKLH
Predicted Reactivity:	Cow: 100%, Dog: 86%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against SUCLA2. It was validated on Western Blot.
Purification:	Affinity Purified

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 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, SUM02, 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.
Storage:	-20 °C

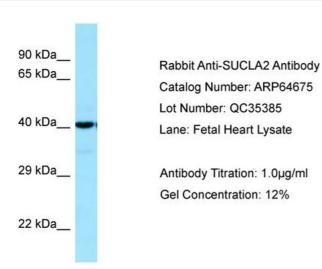
Handling

Storage Comment:

For short term use, store at 2-8 $^{\circ}\text{C}$ up to 1 week. For long term storage, store at -20 $^{\circ}\text{C}$ in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.