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Datasheet for ABIN2790136 anti-SUCLG1 antibody (C-Term)

Image



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Overview

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Quantity:	100 µL
Target:	SUCLG1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Dog, Guinea Pig, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUCLG1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human SUCLG1
Sequence:	MGHAGAIIAG GKGGAKEKIS ALQSAGVVVS MSPAQLGTTI YKEFEKRKML
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 86%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against SUCLG1. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:

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Target Details	
Alternative Name:	SUCLG1 (SUCLG1 Products)
Background:	This gene encodes the alpha subunit of the heterodimeric enzyme succinate coenzyme A ligase. This enzyme is targeted to the mitochondria and catalyzes the conversion of succinyl CoA and ADP or GDP to succinate and ATP or GTP. Mutations in this gene are the cause of the metabolic disorder fatal infantile lactic acidosis and mitochondrial DNA depletion. Alias Symbols: FLJ21114, FLJ43513, GALPHA, SUCLA1, MTDPS9 Protein Interaction Partner: SUMO2, ECT2, S100A16, SEPT11, RIF1, SEPT9, SELENBP1, SUCLA2, SUCLG2, SDHA, OXCT1, CHMP1B, UBC, MYC, Protein Size: 346
Molecular Weight:	33 kDa
Gene ID:	8802
NCBI Accession:	NM_003849, NP_003840
UniProt:	P53597
Application Details	

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 346 AA
Restrictions:	For Research Use only

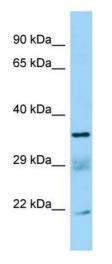
Handling

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
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in smal

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aliquots to prevent freeze-thaw cycles.

Images



Host: Rabbit Target Name: SUCLG1 Sample Tissue: U937 Cell Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1.

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