
SUCLA2/Renal carcinoma antigen NYREN39 Rabbit pAb

Catalog Number: bs-12838R

Target Protein: SUCLA2/Renal carcinoma antigen NYREN39

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse (predicted:Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse, Chimpanzee)

Predicted MW: 45 kDa

Entrez Gene: 8803

Swiss Prot: Q9P2R7

Source: KLH conjugated synthetic peptide derived from human SUCLA2: 221-320/463.

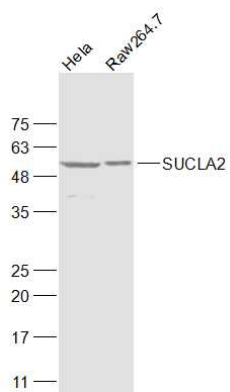
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Sample: HeLa(Human) Cell Lysate at 30 ug Raw264.7(Mouse) Cell Lysate at 30 ug Primary: Anti-SUCLA2 (bs-12838R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 53 kD