

SPRTN Rabbit pAb

Catalog No.: A11663

Basic Information

Observed MW

60kDa

Calculated MW

55kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

The protein encoded by this gene may play a role in DNA repair during replication of damaged DNA. This protein recruits valosin containing protein (p97) to stalled DNA replication forks where it may prevent excessive translesional DNA synthesis and limit the number of DNA-damage induced mutations. It may also be involved in replication-related G2/M-checkpoint regulation. Deficiency of a similar protein in mouse causes chromosomal instability and progeroid phenotypes. Mutations in this gene have been associated with Ruijs-Aalfs syndrome (RJALS). Alternatively spliced transcript variants have been identified.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

83932

Swiss Prot

Q9H040

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human SPRTN (NP_001010984.1).

Synonyms

DVC1; PRO4323; spartan; C1orf124; SPRTN

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

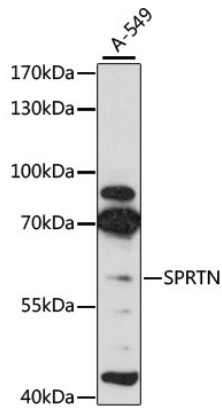
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from A-549 cells, using SPRTN Rabbit pAb (A11663) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.