

PDSS2 Rabbit pAb

Catalog No.: A16557

Basic Information

Observed MW

30kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

The protein encoded by this gene is an enzyme that synthesizes the prenyl side-chain of coenzyme Q, or ubiquinone, one of the key elements in the respiratory chain. The gene product catalyzes the formation of all trans-polyprenyl pyrophosphates from isopentyl diphosphate in the assembly of polyisoprenoid side chains, the first step in coenzyme Q biosynthesis. Defects in this gene are a cause of coenzyme Q10 deficiency.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

57107

Swiss Prot

Q86YH6

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 220-399 of human PDSS2 (NP_065114.3).

Synonyms

DLP1; COQ1B; hDLP1; COQ10D3; C6orf210; bA59I9.3; PDSS2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

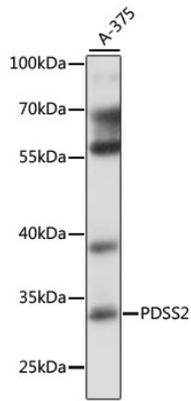
Affinity purification

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-375 cells, using PDSS2 Rabbit pAb (A16557) at 1:1000 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: 1s.