

## Datasheet for ABIN629662 **anti-PDSS1 antibody**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	PDSS1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDSS1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	PDSS1 antibody was raised using a synthetic peptide corresponding to a region with amino acids GEFLQLGSKENENERFAHYLEKTFKKTASLIANSCKAVSVLGC PDPVWHE
Purification:	Purified

#### Target Details

Target:	PDSS1
Alternative Name:	PDSS1 ( <a href="#">PDSS1 Products</a> )
Background:	PDSS1 is an enzyme that elongates the prenyl side-chain of coenzyme Q, or ubiquinone, one of the key elements in the respiratory chain. PDSS1 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. The protein may be peripherally associated with the inner mitochondrial membrane, though no transit peptide has been definitively identified to date.

## Target Details

Defects in PDSS1 gene are a cause of coenzyme Q10 deficiency.

Molecular Weight: 46 kDa (MW of target protein)

## Application Details

Application Notes: WB: 5 µg/mL

Optimal conditions should be determined by the investigator.

Comment: PDSS1 Blocking Peptide, catalog no. 33R-3225, is also available for use as a blocking control in assays to test for specificity of this PDSS1 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PDSS1 antibody in PBS

Concentration: Lot specific

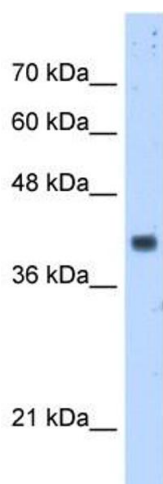
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** PDSS1 antibody used at 5 µg/ml to detect target protein.