

Datasheet for ABIN1386354
anti-PDSS2 antibody (AA 21-100)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PDSS2
Binding Specificity:	AA 21-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDSS2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDSS2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	PDSS2
Alternative Name:	PDSS2 (PDSS2 Products)

Target Details

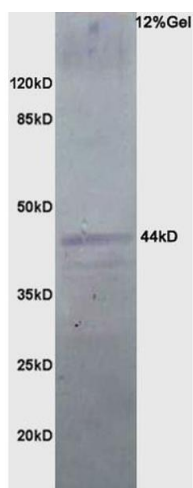
Background:	<p>Synonyms: DLP1, hDLP1, COQ10D3, C6orf210, bA59I9.3, Decaprenyl-diphosphate synthase subunit 2, All-trans-decaprenyl-diphosphate synthase subunit 2, Candidate tumor suppressor protein, Decaprenyl pyrophosphate synthase subunit 2, PDSS2</p> <p>Background: The protein encoded by this gene 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.</p>
Gene ID:	57107
UniProt:	Q86YH6

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p>
Restrictions:	For Research Use only

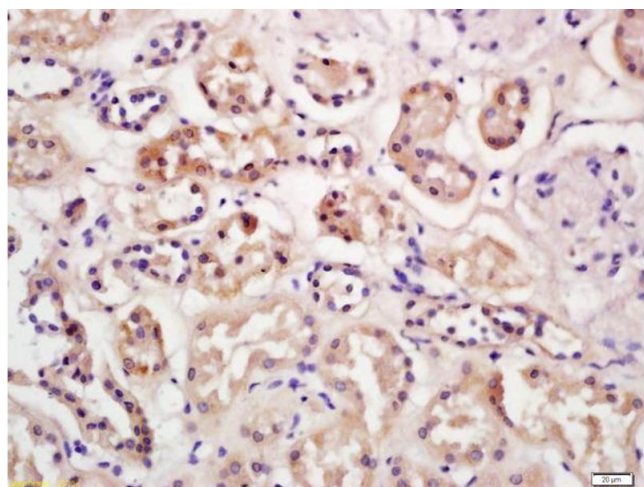
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Rat brain lysate probed with Anti PDSS2 Polyclonal Antibody, Unconjugated (ABIN1386354) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 44D. Observed band size: 44kD



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human kidney labeled with Anti-PDSS2 Polyclonal Antibody, Unconjugated (ABIN1386354) at 1:200 followed by conjugation to the secondary antibody and DAB staining