

## PDSS2 Antibody

Catalog No: #37812

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## Description

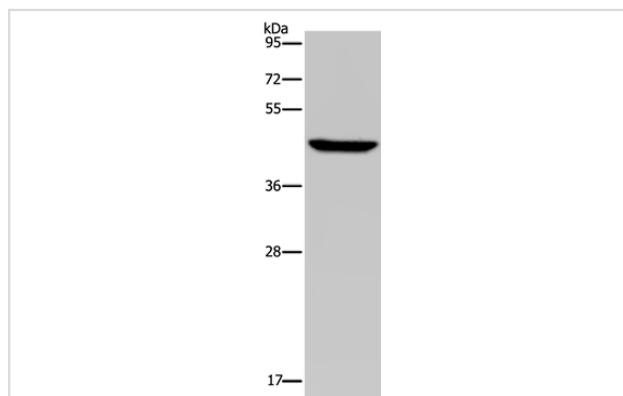
Product Name	PDSS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PDSS2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human prenyl (decaprenyl) diphosphate synthase, subunit 2
Target Name	PDSS2
Other Names	DLP1; hDLP1; COQ10D3; C6orf210; bA59I9.3
Accession No.	Swiss-Prot#: Q86YH6NCBI Gene ID: 57107Gene Accssion: NP_065114/Q86YH6
Uniprot	Q86YH6
GeneID	57107;
SDS-PAGE MW	44kd
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

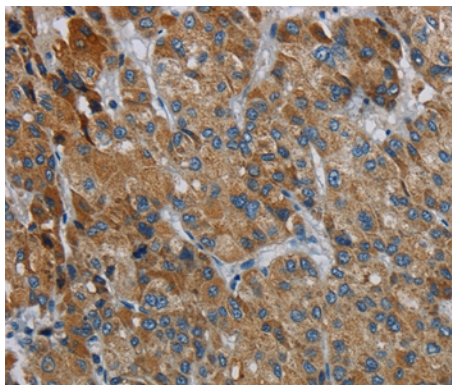
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 8%SDS-PAGE  
Lysate: 40ug Hela cell  
Primary antibody: 1/400 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37812 at dilution 1/30.

## 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.

Note: This product is for in vitro research use only