



PDSS2 Mouse mAb

Catalog No	YP-mAb-18635
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PDSS2 C6orf210 DLP1
Immunogen	Synthesized peptide derived from human PDSS2
Specificity	This antibody detects endogenous levels of PDSS2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	All-trans-decaprenyl-diphosphate synthase subunit 2;bA59I9.3;C6orf21; Candidate tumor suppressor protein;chromosome 6 open reading frame 21; Decaprenyl pyrophosphate synthase subunit 2;decaprenyl pyrophosphate synthetase subunit 2;Decaprenyl-diphosphate synthase subunit 2;DLP1; DLP1_HUMAN;hDLP1;Pdss2;prenyl (decaprenyl) diphosphate synthase;subunit 2;subunit 2 of decaprenyl diphosphate synthase;PDSS2 C6orf210 DLP1; Decaprenyl-diphosphate synthase subunit 2 (All-trans-decaprenyl-diphosphate synthase subunit 2) (Candidate tumor suppressor protein) (Decaprenyl pyrophosphate synthase subunit 2)
Observed Band	74kDa
Calculated Molecular Weight	47 kDa; 44kD(Calculated).
Cell Pathway	Mitochondrion .
Tissue Specificity	
Function	Heterotetrameric enzyme that catalyzes the condensation of farnesyl diphosphate (FPP), which acts as a primer, and isopentenyl diphosphate (IPP) to produce prenyl diphosphates of varying chain lengths and participates in the determination of the side chain of ubiquinone . Supplies nona and decaprenyl diphosphate, the precursors for the side chain of the isoprenoid quinones



ubiquinone-9 (Q9) and ubiquinone-10 (Q10) respectively . The enzyme adds isopentenyl diphosphate molecules sequentially to farnesyl diphosphate with trans stereochemistry . May play a role during cerebellar development (By similarity). May regulate mitochondrial respiratory chain function (By similarity).

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images