Mouse PDSS2 Monoclonal Antibody | anti-PDSS2 antibody

PDSS2 antibody

CATALOG #	HOST	APPLICATIONS
AAA107146	**Mouse**	**Western Blot, Immunofluorescence**

PRODUCT SYNONYMS

PDSS2; Monoclonal Antibody; PDSS2 antibody; Monoclonal PDSS2; Anti-PDSS2; bA59I9.3; C6orf210; DLP1; hDLP1; PDSS 2; PDSS-2; anti-PDSS2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1C4
Purity/Purification	PDSS2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	174
Applicable Applications for anti-PDSS2 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human
Immunogen	PDSS2 antibody was raised in Mouse using full length human recombinant protein of human PDSS2 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PDSS2 protein (Right) or empty vector (Left) detected with PDSS2 antibody

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant PDSS2 protein using PDSS2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PDSS2 antibody	Mouse monoclonal PDSS2 antibody

Product Categories/Family for anti-PDSS2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	71051966
NCBI GeneID	57107
UniProt Accession #	Q86YH6; Q33DR4; Q4G158; Q5VU38; Q5VU39; Q9NR58
Molecular Weight	26,377 Da
NCBI Official Full Name	PDSS2 protein
NCBI Official Synonym Full Names	prenyl (decaprenyl) diphosphate synthase, subunit 2
NCBI Official Symbol	PDSS2
NCBI Official Synonym Symbols	DLP1; hDLP1; COQ10D3; C6orf210; bA59I9.3
NCBI Protein Information	decaprenyl-diphosphate synthase subunit 2
UniProt Protein Name	Decaprenyl-diphosphate synthase subunit 2
UniProt Gene Name	**PDSS2**
UniProt Synonym Gene Names	C6orf210; DLP1
UniProt Entry Name	DLP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pdss2-antibody-clone-1c4-western-blot-immunofluorescence-elisa/107146