DNAxPAb | Hard-to-Find Antibody

PDSS2 DNAxPab

Catalog # H00057107-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PDSS2 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNFRQLLLHLPRYLGASGSPRRLWWSPSLDTISSVGSWRGRSSKSPAHWNQVVSEAEKIVGYPT SFMSLRCLLSDELSNIAMQVRKLVGTQHPLLTTARGLVHDSWNSLQLRGLVVLLISKAAGPSSVN TSCQNYDMVSGIYSCQRSLAEITELIHIALLVHRGIVNLNELQSSDGPLKDMQFGNKIAILSGDFLLAN ACNGLALLQNTKVVELLASALMDLVQGVYHENSTSKESYITDDIGISTWKEQTFLSHGALLAKSCQ AAMELAKHDAEVQNMAFQYGKHMAMSHKINSDVQPFIKEKTSDSMTFNLNSAPVVLHQEFLGRD LWIKQIREAQEKGRLDYAKLRERIKAGKGVTSAIDLCRYHGNKALEALESFPPSEARSALENIVFAV TRFS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PDSS2

Entrez GeneID	57107
GeneBank Accession#	NM_020381.2
Protein Accession#	NP_065114.2
Gene Name	PDSS2
Gene Alias	C6orf210, DLP1, bA59I9.3, hDLP1
Gene Description	prenyl (decaprenyl) diphosphate synthase, subunit 2
Omim ID	607426 610564
Gene Ontology	Hyperlink
Gene Summary	The isoprenoid chain of ubiquinone (coenzyme Q) varies in length between species and is determined by trans-polyprenyl diphosphate synthase. Humans possess a heterotetrameric decaprenyl diphosphate synthase composed of DPS1 (PDSS1; MIM 607429) and DLP1 (PDSS2) that produces Q10 ubiquinone (Saiki et al., 2005 [PubMed 16262699]).[supplied by OMIM
Other Designations	OTTHUMP00000040501|OTTHUMP00000065664|prenyl diphosphate synthase, subunit 2|subunit 2 of decaprenyl diphosphate synthase

Pathway

- Terpenoid backbone biosynthesis

Disease

- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Diabetes Mellitus
- Disease Progression

- Edema
- Kidney Failure
- Nephrotic Syndrome
- Tooth Abnormalities