

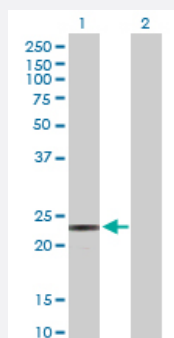
MaxPab®

PEMT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010400-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PEMT expression in transfected 293T cell line ([H00010400-T03](#)) by PEMT MaxPab polyclonal antibody.

Lane 1: PEMT transfected lysate(25.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PEMT protein.

Immunogen

PEMT (NP_680477.1, 1 a.a. ~ 236 a.a) full-length human protein.

Sequence

MKRSGNPGAEVTNSSVAGPDCCGGLGNIDFRQADFCVMTRLLGYVDPLDPSFVAAVITITFNPLY
WNVVARWEHKTRKLSRAFGSPYLACYSLSVTILLNFLRSHCFTQAMLSQPRMESLDTPAAYSLG
LALLGLGVVLVLSSFFALGFAGTFLGDYFGILKEARVTVFPNILDNPMYWGSTANYLGWAIMHAS
PTGLLLTVLVALTYVALLYEEPFTAEMYRQKASGSHKRS

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (80); Rat (80)

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.

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[Protocol Download](#)

Gene Info — PEMT

Entrez GeneID [10400](#)

GeneBank Accession# [NM_148172.1](#)

Protein Accession# [NP_680477.1](#)

Gene Name PEMT

Gene Alias MGC2483, PEAMT, PEMPT, PEMT2, PNMT

Gene Description phosphatidylethanolamine N-methyltransferase

Omim ID [602391](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme which converts phosphatidylethanolamine to phosphatidylcholine by sequential methylation in the liver. The protein localizes to the endoplasmic reticulum and mitochondria-associated membranes. The gene is within the Smith-Magenis syndrome region on chromosome 17. Alternate splicing of this gene results in three transcript variants encoding two different isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000065536|OTTHUMP00000065537

Pathway

- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Choline Deficiency](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fatty Liver](#)
- [Folic Acid Deficiency](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)