

DNAxPAb

Hard-to-Find
Antibody

PEMT DNAxPab

Catalog # H00010400-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PEMT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKRSGNPGAEVTNSSVAGPDCCGGLGNIDFRQADFCVMTRLLGYVDPLDPSFVAAVITITFNPLY WNVVARWEHKTRKLSRAFGSPYLACYSLSVTILLNFLRSHCFTQAMLSQPRMESLDTPAAYSLG LALLGLGVVLVLSSFFALGFAGTFLGDYFGILKEARVTVFPNILDNPMYWGSTANYLGWAIMHAS PTGLLLTVLVALTYVALLYEEPFTAEMYRQKASGSHKRS
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 — 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](#)