

Rabbit PEMT Polyclonal Antibody | anti-PEMT antibody

PEMT antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199278	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish	Western Blot

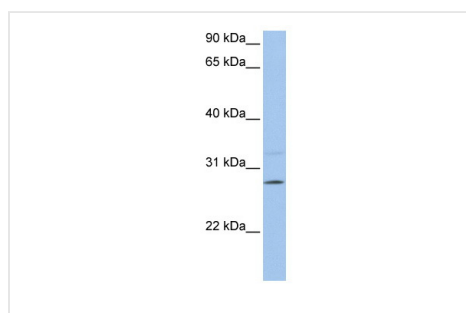
PRODUCT SYNONYMS

PEMT; Polyclonal Antibody; PEMT antibody - C-terminal region; anti-PEMT antibody

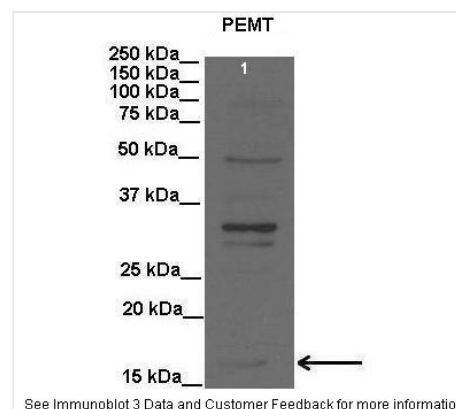
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GW AIMHASPTGL LLTVLVALTY IVALLYEPEF TAEIYRQKAS GSHKRS
Sequence Length	236
Applicable Applications for anti-PEMT antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 83%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 86%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PEMT
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

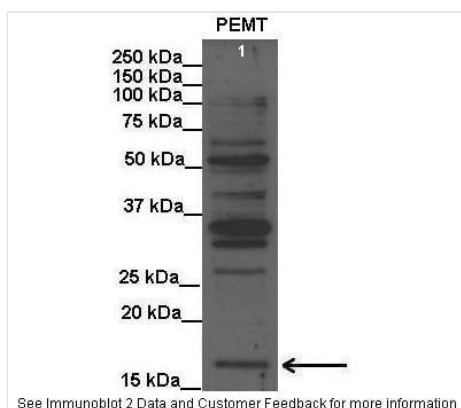
IMAGES


WB (Western Blot)

WB Suggested Anti-PEMT Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate


WB (Western Blot)

Lanes: Lane1: 20 ug rat liver lysate Primary Antibody Dilution: 1:2000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:15000 Gene Name: PEMT Submitted by: Anonymous



WB (Western Blot)

Lanes: Lane1: 20 ug rat liver lysate Primary Antibody Dilution: 1:1000 Secondary Antibody Dilution: 1:15000 Gene Name: PEMT Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-PEMT antibody	This is a rabbit polyclonal antibody against PEMT. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PEMT is 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 encodes PEMT protein is within the Smith-Magenis syndrome region on chromosome 17. 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.
Product Categories/Family for anti-PEMT antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538478
NCBI GeneID	10400
NCBI Accession #	NP_680477
NCBI GenBank Nucleotide #	NM_148172
UniProt Accession #	Q9BW86; Q9UBM1
Molecular Weight	26kDa
NCBI Official Full Name	phosphatidylethanolamine N-methyltransferase isoform 1
NCBI Official Synonym Full Names	phosphatidylethanolamine N-methyltransferase
NCBI Official Symbol	PEMT
NCBI Official Synonym Symbols	PLMT; PNMT; PEAMT; PEMPT; PEMT2
NCBI Protein Information	phosphatidylethanolamine N-methyltransferase

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.