PM34 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PM34, Polyclonal Antibody
Full Product Name	PM34 Polyclonal Antibody
Product Gene Name	anti-PM34 antibody
Product Synonym Names	Peroxisomal membrane protein PMP34; 34 kDa peroxisomal membrane protein; Solute carrier family 25 member 17; SLC25A17; PMP34
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	33
OMIM	606795
3D Structure	ModBase 3D Structure for O43808
Immunogen	Synthesized peptide derived from human protein. at AA range: 140-220
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PM34 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PM34 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-PM34 antibody	MBS8530389 is an antibody targeting PM34. Also known as PM34 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-PM34 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PM34. It may not necessarily be applicable to this product.

NCBI GI #	544346309
NCBI GeneID	10478
NCBI Accession #	NP_001269656.1
UniProt Primary Accession #	O43808
UniProt Secondary Accession #	Q5TFL0; Q9UGW8; Q9UGY7; A8KA59
UniProt Related Accession #	O43808

GenBank Nucleotide #	NM_001282727.1
NCBI Official Full Name	peroxisomal membrane protein PMP34 isoform 3
NCBI Official Synonym Full Names	solute carrier family 25 member 17
NCBI Official Symbol	SLC25A17
NCBI Official Synonym Symbols	PMP34
UniProt Protein Name	Peroxisomal membrane protein PMP34
UniProt Synonym Protein Names	34 kDa peroxisomal membrane protein; Solute carrier family 25 member 17
UniProt Gene Name	SLC25A17
UniProt Synonym Gene Names	PMP34
NCBI Protein Information	peroxisomal membrane protein PMP34
NCBI Summary for PM34	This gene encodes a peroxisomal membrane protein that belongs to the family of mitochondrial solute carriers. It is expressed in the liver, and is likely involved in transport. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
UniProt Comments for PM34	Peroxisomal transporter for multiple cofactors like coenzyme A (CoA), flavin adenine dinucleotide (FAD), flavin mononucleotide (FMN) and nucleotide adenosine monophosphate (AMP), and to a lesser extent for nicotinamide adenine dinucleotide (NAD+), adenosine diphosphate (ADP) and adenosine 3',5'-diphosphate (PAP). May catalyze the transport of free CoA, FAD and NAD+ from the cytosol into the peroxisomal matrix by a counter-exchange mechanism. Inhibited by pyridoxal 5'-phosphate and bathophenanthroline in vitro.
Research Articles on PM34	**1.** PEX16 mediates the peroxisomal trafficking of two distinct peroxisomal membrane proteins, PEX3 and PMP34, via the endoplasmic reticulum
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