

PMP70 Rabbit mAb

Catalog # AP77898

Product Information

Application	WB, IF, FC, ICC
Primary Accession	P28288
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PMP70
Purification	Affinity Chromatography
Calculated MW	75476

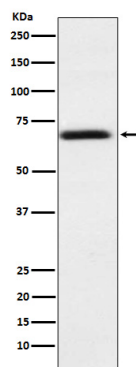
Additional Information

Gene ID	5825
Other Names	ABCD3
Dilution	WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	ABCD3 (HGNC:67)
Function	Broad substrate specificity ATP-dependent transporter of the ATP-binding cassette (ABC) family that catalyzes the transport of long- chain fatty acids (LCFA)-CoA, dicarboxylic acids-CoA, long-branched- chain fatty acids-CoA and bile acids from the cytosol to the peroxisome lumen for beta-oxydation (PubMed: 11248239 , PubMed: 24333844 , PubMed: 25168382 , PubMed: 29397936). Has fatty acyl-CoA thioesterase and ATPase activities (PubMed: 29397936). Probably hydrolyzes fatty acyl- CoAs into free fatty acids prior to their ATP-dependent transport into peroxisomes (By similarity). Thus, play a role in regulation of LCFAs and energy metabolism namely, in the degradation and biosynthesis of fatty acids by beta-oxidation (PubMed: 24333844 , PubMed: 25944712).
Cellular Location	Peroxisome membrane; Multi-pass membrane protein

Images



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