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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

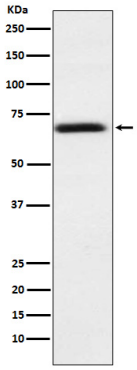
Additional Information

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 {ECO:0000303|PubMed:39223112, ECO:0000312|HGNC:HGNC:67}
Function	ATP-dependent transporter of the ATP-binding cassette (ABC) family that catalyzes the transport of long- and very-long-chain fatty acyl-CoAs and probably bile acyl-CoAs from the cytosol to the peroxisome matrix for beta-oxydation. Appears to be specifically involved in the peroxisomal transport of branched-chain fatty acyl-CoAs (BCFA-CoAs) and dicarboxylic acyl CoAs (DCA-CoAs) (PubMed:11248239, PubMed:23671276, PubMed:24333844, PubMed:25168382, PubMed:29397936, PubMed:39223112, PubMed:41428872). Has fatty acyl-CoA thioesterase and ATPase activities. Probably hydrolyzes fatty acyl-CoAs into free fatty acids prior to their ATP-dependent transport into peroxisomes.
Cellular Location	Peroxisome membrane; Multi-pass membrane protein

Images



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