

# PMP70 Antibody

Rabbit mAb

Catalog # AP91927

## Product Information

<b>Application</b>	WB, IF, FC, ICC
<b>Primary Accession</b>	<a href="#">P28288</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	ABCD3; ABC43; PMP70; PXMP1; ZWS2;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	75476

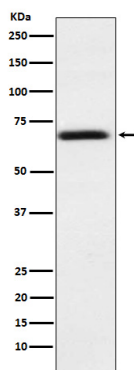
## Additional Information

<b>Dilution</b>	WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:100
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human PMP70
<b>Description</b>	Probable transporter. The nucleotide-binding fold acts as an ATP-binding subunit with ATPase activity.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<b>Name</b>	ABCD3 ( <a href="#">HGNC:67</a> )
<b>Function</b>	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: <a href="#">11248239</a> , PubMed: <a href="#">24333844</a> , PubMed: <a href="#">25168382</a> , PubMed: <a href="#">29397936</a> ). Has fatty acyl-CoA thioesterase and ATPase activities (PubMed: <a href="#">29397936</a> ). 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: <a href="#">24333844</a> , PubMed: <a href="#">25944712</a> ).
<b>Cellular Location</b>	Peroxisome membrane; Multi-pass membrane protein

## Images



Western blot analysis of PMP70 expression in HepG2 cell lysate.

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