

## CAB4172

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### Product Information

<b>Product SKU:</b>	CAB4172	<b>Gene ID:</b>	5825	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC2131	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	70kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	75kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ALD subfamily, which is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporters are half transporters which require a partner half transporter molecule to form a functional homodimeric or heterodimeric transporter. This peroxisomal membrane protein likely plays an important role in peroxisome biogenesis. Mutations have been associated with some forms of Zellweger syndrome, a heterogeneous group of peroxisome assembly disorders. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

**Recommended Dilution:** WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

**Synonyms:** ZWS2; ABC43; CBAS5; PMP70; PXMP1; PMP70/ABCD3

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 560-659 of human PMP70/ABCD3 (P28288).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.