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## Product Information

<b>Product SKU:</b>	CAB17523	<b>Gene ID:</b>	5826	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	72kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	69kDa	<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. The function of this peroxisomal membrane protein is unknown. However, it is speculated that it may function as a heterodimer for another peroxisomal ABC transporter and, therefore, may modify the adrenoleukodystrophy phenotype. It may also play a role in the process of peroxisome biogenesis. Alternative splicing results in several protein-coding and non-protein-coding variants.

**Recommended Dilution:** WB,1:500 - 1:2000

**Synonyms:** P70R; P79R; ABC41; MAHCJ; PMP69; PXMP1L; EST352188; ABCD4

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 100-280 of human ABCD4 (NP\_005041.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.