

# ABCD4 Rabbit Polyclonal Antibody



CAB17523

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

72kDa

### Calculated MW:

### Applications:

WB

### Reactivity:

Human

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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 at least two different transcript variants, one which is protein-coding and one which is probably not protein-coding. [provided by RefSeq, Jul 2008]

## Immunogen information

### Gene ID:

5826

### Uniprot

O14678

### Synonyms:

ABC41; EST352188; MAHCJ; P70R; P79R; PMP69; PXMP1L; ABCD4

### Immunogen:

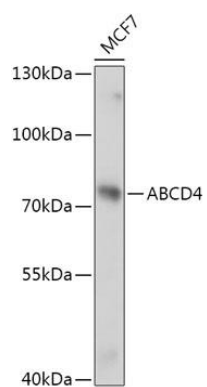
Recombinant fusion protein containing a sequence corresponding to amino acids 100-280 of human ABCD4 (NP\_005041.1).

### Storage:

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

## Product Images

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Western blot - ABCD4 Polyclonal Antibody (CAB17523)