

## Summary

<b>Production Name</b>	ABCD4 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	ABCD4
<b>Alternative Names</b>	ABCD4; PXMP1L; ATP-binding cassette sub-family D member 4; PMP70-related protein; P70R; Peroxisomal membrane protein 1-like; PXMP1-L; Peroxisomal membrane protein 69; PMP69
<b>Gene ID</b>	5826.0
<b>SwissProt ID</b>	O14678.The antiserum was produced against synthesized peptide derived from human ABCD4. AA range:111-160

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:10000..
<b>Molecular Weight</b>	70kD

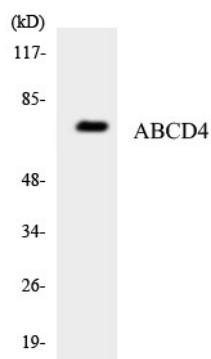
## Background

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 peroxisimilarity:Belongs to the ABC transporter family. ALD subfamily.,similarity:Contains 1 ABC transmembrane type-1 domain.,similarity:Contains 1 ABC transporter domain.,subunit:Homodimer or heterodimer ,tissue specificity:Ubiquitous.,

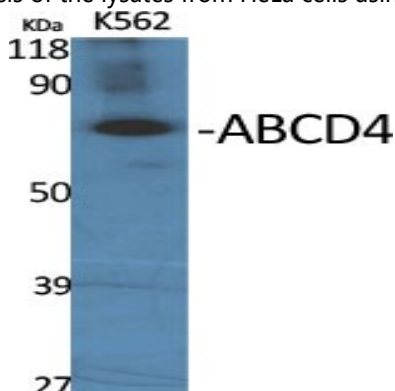
## Research Area

ABC transporters;

## Image Data

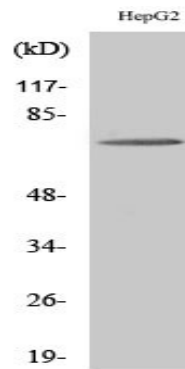


Western blot analysis of the lysates from HeLa cells using ABCD4 antibody.



Western Blot analysis of various cells using ABCD4 Polyclonal Antibody diluted at 1: 500

**Product Name: ABCD4 Rabbit Polyclonal Antibody**  
**Catalog #: APRab06418**



Western Blot analysis of HepG2 cells using ABCD4 Polyclonal Antibody diluted at 1: 500

**Note**

For research use only.