

## 过氧化物酶膜蛋白 1 抗体

产品货号： mlR8584

英文名称： PXMP1/PMP70

中文名称： 过氧化物酶膜蛋白 1 抗体

别 名： 70 kDa peroxisomal membrane protein; ABC 43; ABC D3; ABC43; ABCD 3; ABCD3; ABCD3 protein; ABCD3\_HUMAN; ATP binding cassette sub family D (ALD) member 3; ATP binding cassette sub family D member 3; ATP-binding cassette sub-family D member 3; Peroxisomal membrane protein 1; PMP 70; PMP70; PXMP 1; PXMP1; ZWS2.

研究领域： 肿瘤 细胞生物 免疫学 神经生物学 Alzheimer's

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

（石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 75kDa

细胞定位： 细胞浆 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

**免 疫 原：** KLH conjugated synthetic peptide derived from human PXMP1/ABCD3:51-160/659

**亚 型：** IgG

**纯化方法：** affinity purified by Protein A

**储 存 液：** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件：** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed：** PubMed

**产品介绍：** The peroxisomal membrane contains several ATP-binding cassette (ABC) transporters, ABCD1-4 that are known to be present in the human peroxisome membrane. All four proteins are ABC half-transporters, which dimerize to form an active transporter. A mutation in the ABCD1 gene causes X-linked adrenoleukodystrophy (X-ALD), a peroxisomal disorder which affects lipid storage. ABCD2 in mouse is expressed at high levels in the brain and adrenal organs, which are adversely affected in X-ALD. The peroxisomal membrane comprises two quantitatively major proteins, PMP22 and ABCD3. ABCD3 is associated with irregularly shaped vesicles which may be defective peroxisomes or peroxisome precursors. ABCD1 localizes to peroxisomes. ABCB7 is a half-transporter involved in the transport of heme from the mitochondria to the cytosol.

**Function:**

Probable transporter. The nucleotide-binding fold acts as an ATP-binding subunit with ATPase activity.

**Subunit:**

Can form heterodimers with ABCD1/ALD and ABCD2/ALDR. Dimerization is necessary to form an active transporter. Interacts with PEX19.

**Subcellular Location:**

Peroxisome membrane; Multi-pass membrane protein.

**Similarity:**

Belongs to the ABC transporter superfamily. ABCD family. Peroxisomal fatty acyl CoA transporter (TC 3.A.1.203) subfamily.

Contains 1 ABC transmembrane type-1 domain.

Contains 1 ABC transporter domain.

**SWISS:**

P28288

**Gene ID:**

5825

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

