

PEX5 Rabbit pAb

货号: **AYP16922**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	66kDa/69kDa/70kDa/72kDa
实测分子量	70-85kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SW480,ES-2,293T,HepG2,MCF7,HeLa,Mouse liver,Mouse kidney,Mouse uterus
细胞定位	Cytoplasm,Peripheral membrane protein,Peroxisome membrane
纯化	Affinity purification

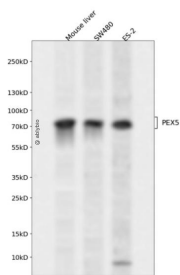
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human PEX5 (NP_000310.2).
序列	MAMRELVEAECGGANPLMKLAGHFTQDKALRQEGLRPGWPPEGAPASEAASKPLGVASEDELVAEFLQDQNPAPLVSRAP QTFKMDLLAEMQQIEQSNFRQAPQRPAGVADLALSENWAQEFLLAAGDAVDVTQDYNEDWSQEFISEVTDPLSVSPA RWAEYLEQSEEKWLWGEPEGTATDRWYDEYHPEEDLQHTASDFVAKVDDPKLANSEFLKFVRQIGEGQVSLESAGSG RAQAEQWAAEFIQQGTSDAWVDQ

靶点信息

研究背景	The product of this gene binds to the C-terminal PTS1-type tripeptide peroxisomal targeting signal (SKL-type) and plays an essential role in peroxisomal protein import. Peroxisins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause of neonatal adrenoleukodystrophy (NALD), a cause of Zellweger syndrome (ZWS) as well as may be a cause of infantile Refsum disease (IRD). Alternatively spliced transcript variants encoding different isoforms have been identified.
基因ID	5830
基因名	PEX5
Swiss	P50542
别名	PEX5;PBD2A;PBD2B;PTS1-BP;PTS1R;PXR1;RCDP5

产品验证



Western blot analysis of PEX5 expressed in Mouse liver, SW480, ES-2 using PEX5 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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