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# PEX5 Rabbit pAb

货号: **AYP19690**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	66kDa/69kDa/70kDa/72kDa
实测分子量	71kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-251MG,HepG2,293T,HeLa,Mouse brain,Mouse kidney,Mouse liver
细胞定位	Cytoplasm,Peripheral membrane protein,Peroxisome membrane
纯化	Affinity purification

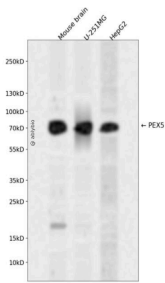
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 364-631 of human PEX5 (NP_000310.2).
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## 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 ( <a href="https://www.uniprot.org/uniprotkb/P50542/entry">https://www.uniprot.org/uniprotkb/P50542/entry</a> )
别名	PEX5,PBD2A,PBD2B,PTS1-BP,PTS1R,PXR1,RCDP5,PEX5 Rabbit pAb,Peroxin-5,Peroxisomal C-terminal targeting signal import receptor,Peroxisome receptor 1

## 产品验证



Western blot analysis of PEX5 expressed in Mouse brain,U-251MG,HepG2 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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