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# LDL Receptor (LDLR) Rabbit pAb

货号: **AYP12002**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  | <b>WB:</b> Rattus norvegicus , Mus musculus   |
| 应用    | WB IHC IF/ICC   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:1000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200  |
| 理论分子量 | 75kDa/76kDa/82kDa/90kDa/95kDa   |
| 实测分子量 | 100-160KDa  |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.  |
| 偶联物   | Unconjugated  |
| 阳性对照  | HeLa,HepG2,Mouse lung,Mouse liver,Rat brain   |
| 细胞定位  | Cell membrane,Cell surface,Early endosome,Endomembrane system,Golgi apparatus,Late endosome,Lysosome,Membrane,Single-pass type I membrane protein,clathrin-coated pit |
| 纯化    | Affinity purification   |

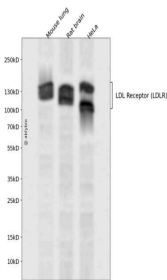
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 761-860 of human LDL Receptor (LDLR) (NP_000518.1). |
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## 靶点信息

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|-------|--|
| 研究背景  | The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. Low density lipoprotein (LDL) is normally bound at the cell membrane and taken into the cell ending up in lysosomes where the protein is degraded and the cholesterol is made available for repression of microsomal enzyme 3-hydroxy-3-methylglutaryl coenzyme A (HMG CoA) reductase, the rate-limiting step in cholesterol synthesis. At the same time, a reciprocal stimulation of cholesterol ester synthesis takes place. Mutations in this gene cause the autosomal dominant disorder, familial hypercholesterolemia. Alternate splicing results in multiple transcript variants. |
| 基因ID  | 3949   |
| 基因名   | LDLR   |
| Swiss | P01130 ( <a href="https://www.uniprot.org/uniprotkb/P01130/entry">https://www.uniprot.org/uniprotkb/P01130/entry</a> )   |
| 别名    | LDLR,FH,FHC,LDLCQ2,LDL Receptor (LDLR) Rabbit pAb  |

## 产品验证



Western blot analysis of LDL Receptor (LDLR) expressed in Mouse lung,Rat brain,HeLa using LDL Receptor (LDLR) 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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