**产品名称：ACAD-11 Rabbit Polyclonal Antibody**
**产品货号：APRab06459**

## 产品概述（Summary）

| | |
|---|---|
| **产品名称（Production Name）** | ACAD-11 Rabbit Polyclonal Antibody |
| **描述（Description）** | Rabbit polyclonal Antibody |
| **宿主（Host）** | Rabbit |
| **应用（Application）** | WB,IHC,ICC/IF,ELISA |
| **种属反应性（Reactivity）** | Human,Rat,Mouse |

## 产品性能（Performance）

| | |
|---|---|
| **偶联物（Conjugation）** | Unconjugated |
| **修饰（Modification）** | Unmodified |
| **同种型（Isotype）** | IgG |
| **克隆（Clonality）** | Polyclonal |
| **形式（Form）** | Liquid |
| **存放说明（Storage）** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **储存溶液（Buffer）** | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| **纯化方式（Purification）** | Affinity purification |

## 免疫原信息（Immunogen）

| | |
|---|---|
| **基因名（Gene Name）** | ACAD11 |
| **别名（Alternative Names）** | ACAD11; Acyl-CoA dehydrogenase family member 11; ACAD-11 |
| **基因 ID（Gene ID）** | 84129.0 |
| **蛋白 ID（SwissProt ID）** | Q709F0.The antiserum was produced against synthesized peptide derived from human ACAD11. AA range:381-430 |

## 产品应用（Application）

| | |
|---|---|
| **稀释比（Dilution Ratio）** | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000 |
| **蛋白分子量（Molecular Weight）** | 87kDa |

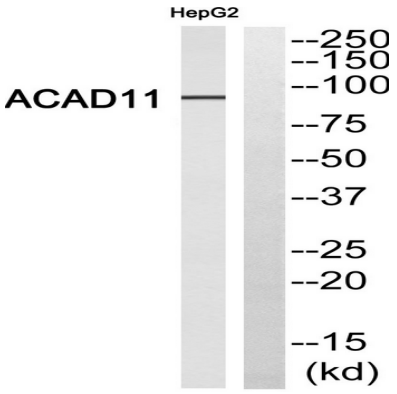
## 研究背景（Background）

**产品名称：ACAD-11 Rabbit Polyclonal Antibody**
**产品货号：APRab06459**

acyl-CoA dehydrogenase family member 11(ACAD11) Homo sapiens　This gene encodes an acyl-CoA dehydrogenase enzyme with a preference for carbon chain lengths between 20 and 26. Naturally occurring read-through transcription occurs between the upstream gene NPHP3 (nephronophthisis 3 (adolescent)) and this gene. [provided by RefSeq, Aug 2015],alternative products:Additional isoforms seem to exist,disease:Defects in NPHP3 are a cause of renal-hepatic-pancreatic dysplasia (RHPD) [MIM:208540]. RHPD is an autosomal recessive disorder with variable expression, and patients surviving the neonatal period progress to renal and hepatic failure which can be treated successfully with combined liver-kidney transplantation.,disease:Defects in NPHP3 are the cause of nephronophthisis type 3 (NPHP3) [MIM:604387]; also known as adolescent nephronophthisis. NPHP3 is a autosomal recessive disorder resulting in end-stage renal disease. It is characterized by polyuria, polydipsia, anemia. Onset of terminal renal failure occurr significantly later (median age, 19 years) than in juvenile nephronophthisis. Renal pathology is characterized by alterations of tubular basement membranes, tubular atrophy and dilatation, sclerosing tubulointerstitial nephropathy, and renal cyst development predominantly at the corticomedullary junction.,function:May participate in mechanosensation in the primary cilium of kidney cells.,similarity:Belongs to the acyl-CoA dehydrogenase family.,similarity:Contains 11 TPR repeats.,subunit:Interacts with NPHP1.,tissue specificity:Widely expressed at low level. Expressed in heart, placenta, liver, skeletal muscle, kidney and pancreas. Expressed at very low level in brain and lung.,

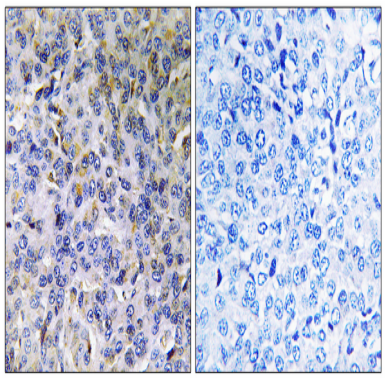
## 研究领域（Research Area）

## 图片（Image Data）




Western blot analysis of ACAD11 Antibody. The lane on the right is blocked with the ACAD11 peptide.

**产品名称：ACAD-11 Rabbit Polyclonal Antibody**
**产品货号：APRab06459**



Immunohistochemistryt analysis of paraffin-embedded human breast carcinoma, using ACAD11 Antibody. The lane on the right is blocked with the ACAD11 peptide.

## 注意事项（Note）

For research use only .