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# INPP5E Rabbit pAb

货号: **AYP21051**

## 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/70kDa
实测分子量	80kDa
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	SH-SY5Y
细胞定位	axoneme,cilium,cytosol,focal adhesion,Golgi apparatus,nucleoplasm,nucleus,plasma membrane
纯化	Affinity purification

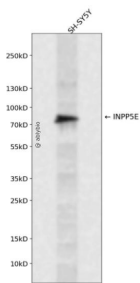
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 510-630 of human INPP 5E (NP_063945.2).
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## 靶点信息

研究背景	The protein encoded by this gene is an inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1,4,5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. Studies of the mouse counterpart suggest that this protein may hydrolyze phosphatidylinositol 3,4,5-trisphosphate and phosphatidylinositol 3,5-bisphosphate on the cytoplasmic Golgi membrane and thereby regulate Golgi-vesicular trafficking. Mutations in this gene cause Joubert syndrome; a clinically and genetically heterogeneous group of disorders characterized by midbrain-hindbrain malformation and various associated ciliopathies that include retinal dystrophy, nephronophticosis, liver fibrosis and polydactyly. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
基因ID	56623
基因名	INPP5E
Swiss	Q9NRR6 ( <a href="https://www.uniprot.org/uniprotkb/Q9NRR6/entry">https://www.uniprot.org/uniprotkb/Q9NRR6/entry</a> )
别名	CORS1,CPD4,JBTS1,MORMS,PII5PIV,pharbin,INPP5E,INPP5E Rabbit pAb,72 kDa inositol polyphosphate 5-phosphatase,Inositol polyphosphate-5-phosphatase E,Phosphatidylinositol 4,5-bisphosphate 5-phosphatase,Phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase

## 产品验证



Western blot analysis of INPP5E expressed in SH-SY5Y using INPP5E 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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