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# OPTN Rabbit pAb

货号: **AYP12484**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus,Homo sapiens <b>IP:</b> Homo sapiens
应用	WB IHC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IP:</b> 1:500 - 1:1000
理论分子量	59kDa/65kDa
实测分子量	78kDa
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	HeLa,OVCAR3,A-549,Mouse liver,Mouse heart
细胞定位	Cytoplasm,Cytoplasmic vesicle,Golgi apparatus,Recycling endosome,autophagosome,perinuclear region,t rans-Golgi network
纯化	Affinity purification

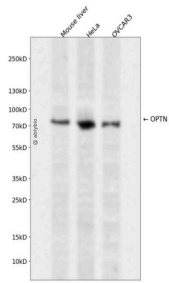
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-577 of human OPTN (NP_068815.2).
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## 靶点信息

研究背景	This gene encodes the coiled-coil containing protein optineurin. Optineurin may play a role in normal-tension glaucoma and adult-onset primary open angle glaucoma. Optineurin interacts with adenovirus E3-14.7K protein and may utilize tumor necrosis factor-alpha or Fas-ligand pathways to mediate apoptosis, inflammation or vasoconstriction. Optineurin may also function in cellular morphogenesis and membrane trafficking, vesicle trafficking, and transcription activation through its interactions with the RAB8, huntingtin, and transcription factor IIIA proteins. Alternative splicing results in multiple transcript variants encoding the same protein.
基因ID	10133
基因名	OPTN
Swiss	Q96CV9 ( <a href="https://www.uniprot.org/uniprotkb/Q96CV9/entry">https://www.uniprot.org/uniprotkb/Q96CV9/entry</a> )
别名	OPTN,ALS12,FIP2,GLC1E,HIP7,HYPL,NRP,TFIIIA-INTP,OPTN Rabbit pAb,E3-14.7K-interacting protein,Huntingtin yeast partner L,Huntingtin-interacting protein 7,Huntingtin-interacting protein L,NEMO-related protein,Optic neuropathy-inducing protein,Transcription factor IIIA-interacting protein

## 产品验证



Western blot analysis of OPTN expressed in Mouse liver, HeLa, OVCAR3 using OPTN 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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