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# EIF3A Rabbit pAb

货号: **AYP25200**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>IF:</b> RD cell , HeLa , Homo sapiens <b>WB:</b> Homo sapiens , Rana amurensis Boulenger
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IF/ICC:</b> 1:50 - 1:100
理论分子量	162kDa/166kDa
实测分子量	180kDa
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	HepG2,Jurkat,Mouse heart,Mouse ovary
细胞定位	Cytoplasm
纯化	Affinity purification

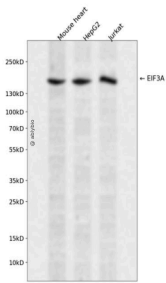
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human EIF3A (NP_003741.1).
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## 靶点信息

研究背景	RNA-binding component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis (PubMed:17581632, PubMed:25849773). The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA <sub>i</sub> and eIF-5 to form the 43S pre-initiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation (PubMed:17581632, PubMed:11169732). The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression (PubMed:25849773, PubMed:27462815).
基因ID	8661
基因名	EIF3A
Swiss	Q14152 ( <a href="https://www.uniprot.org/uniprotkb/Q14152/entry">https://www.uniprot.org/uniprotkb/Q14152/entry</a> )
别名	EIF3A,EIF3,EIF3S10,P167,TIF32,eIF3-p170,eIF3-theta,p180,p185,EIF3A Rabbit pAb,Eukaryotic translation initiation factor 3 subunit 10,eIF-3-theta,eIF3 p167,eIF3 p180,eIF3 p185,KIAA0139

## 产品验证



Western blot analysis of EIF3A expressed in Mouse heart,HepG2,Jurkat using EIF3A 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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