

# 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	<a href="#">WB</a> <a href="#">IF/ICC</a>
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

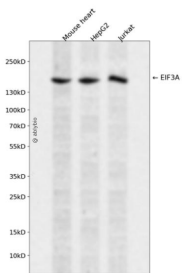
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human EIF3A ( NP_003741.1).
序列	MPAYFQRPENALKRANEFLEVGKKQPALDVLYDVMKSKKHRTWQKIHEPIMLKYLELCVDLRKSHLAKEGLYQYKNICQQV NIKSLEDVVRAYLKMAEEKTEAAKEESQQMVLDIEDLDNIQTPEVLLSAVSGEDTQDRTRDRLLLPWVKFLWESYRQCLD LLRNNSRVERLYHDIAQQAFKFLQYTRKAEFRKLCDNLRMHLSQIQRHHNQSTAINLNNPESQSMHLETRLVQLDSAISM ELWQEAF

## 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-tRNAi 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
别名	EIF3A;EIF3;EIF3S10;P167;TIF32;eIF3-p170;eIF3-theta;p180;p185

## 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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