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EIF4G2/p97 Rabbit pAb

货号: AYP17428

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:500 - 1:1000
理论分子量	98kDa/102kDa
实测分子量	100KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,Jurkat,LO2,Mouse brain
细胞定位	adherens junction,cytosol,eukaryotic translation initiation factor 4F complex
纯化	Affinity purification

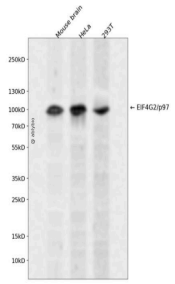
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 320-490 of human EIF4G2/p97 (NP_001409.3).

靶点信息

研究背景	Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with the C-terminal region of eIF4G that contains the binding sites for eIF4A and eIF3; eIF4G, in addition, contains a binding site for eIF4E at the N-terminus. Unlike eIF4G, which supports cap-dependent and independent translation, this gene product functions as a general repressor of translation by forming translationally inactive complexes. In vitro and in vivo studies indicate that translation of this mRNA initiates exclusively at a non-AUG (GUG) codon. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.
基因ID	1982
基因名	EIF4G2
Swiss	P78344 (https://www.uniprot.org/uniprotkb/P78344/entry)
别名	EIF4G2,AAG1,DAP5,NAT1,P97,EIF4G2/p97 Rabbit pAb,Death-associated protein 5

产品验证



Western blot analysis of EIF4G2/p97 expressed in Mouse brain,HeLa,293T using EIF4G2/p97 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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