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GCN2 Rabbit pAb

货号: **AYP12926**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Human bladder cancer cells , Homo sapiens
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	69kDa/183kDa/186kDa
实测分子量	220kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,Mouse liver,Mouse brain,Rat liver,Rat brain
细胞定位	cytosol,cytosolic ribosome
纯化	Affinity purification

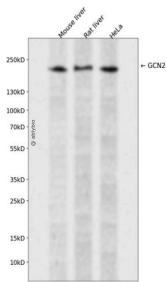
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human GCN2 (NP_001013725.2).
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靶点信息

研究背景	This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulation of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by glucose deprivation and viral infection. Mutations in this gene have been found in individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2.
基因ID	440275
基因名	EIF2AK4
Swiss	Q9P2K8 (https://www.uniprot.org/uniprotkb/Q9P2K8/entry)
别名	EIF2AK4,GCN2,PVOD2,GCN2 Rabbit pAb,Eukaryotic translation initiation factor 2-alpha kinase 4,GCN2-like protein,KIAA1338

产品验证



Western blot analysis of GCN2 expressed in Mouse liver, Rat liver, HeLa using GCN2 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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