

Pqbp1 Rabbit pAb

货号: **AYP22195**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	
实测分子量	35kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	centrosome,ciliary base,cilium,cytoplasm,cytoplasmic stress granule,neuronal ribonucleoprotein granule,nuclear body,nuclear speck,nucleus
纯化	Affinity purification

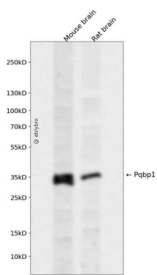
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 170-263 of mouse Pqbp 1 (NP_062351.2).
序列	EGKDRRHRRREELAPYPKNKKATSRKDEELDPMDPSSYS DAPRGTWSTGLPKRNEAKTGADTTAAGPLFQQRYPSPGA VLRANAEASRTKQQD

靶点信息

研究背景	Intrinsically disordered protein that acts as a scaffold, and which is involved in different processes, such as pre-mRNA splicing, transcription regulation, innate immunity and neuron development (By similarity). Interacts with splicing-related factors via the intrinsically disordered region and regulates alternative splicing of target pre-mRNA species. May suppress the ability of POU3F2 to transactivate the DRD1 gene in a POU3F2 dependent manner (By similarity). Can activate transcription directly or via association with the transcription machinery (By similarity). May be involved in ATXN1 mutant-induced cell death (By similarity). The interaction with ATXN1 mutant reduces levels of phosphorylated RNA polymerase II large subunit (By similarity). Involved in the assembly of cytoplasmic stress granule, possibly by participating in the transport of neuronal RNA granules (By similarity). Also acts as an innate immune sensor of infection by retroviruses, by detecting the presence of reverse-transcribed DNA in the cytosol (By similarity). Directly binds retroviral reverse-transcribed DNA in the cytosol and interacts with CGAS, leading to activate the cGAS-STING signaling pathway, triggering type-I interferon production (By similarity).
基因ID	54633
基因名	
Swiss	Q91VJ5
别名	

产品验证



Western blot analysis of Pqbp1 expressed in Mouse brain, Rat brain using Pqbp1 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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