

# RGS10 Rabbit pAb

货号: AYP15697

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	19kDa/20kDa/21kDa
实测分子量	20kDa
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	HeLa,HepG2,HT-1080,Jurkat,Rat brain
细胞定位	cytoplasm,cytosol,nucleus,plasma membrane,synapse
纯化	Affinity purification

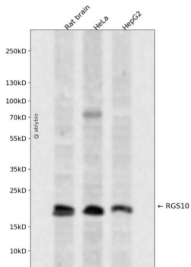
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-181 of human RGS10 (NP_001005339.1).
序列	MFNRAVSRLSRKRPPSDIHDSGSSSSSHQSLKSTAKWAASLENLLEDPEGVKRFRFLKKEFSEENVLFWLACEDFKKM QDKTQMQEKAKEIYMTFLSSKASSQVNVVEGQSRLNEKILEEPHPLMFQKLQDQIFNLMKYDSYSRFLKSDLFLKHKRTEEE EEDLPDAQTAKRASRIYNT

## 靶点信息

研究背景	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 10 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. This protein associates specifically with the activated forms of the two related G-protein subunits, G-alpha13 and G-alpha14 but fails to interact with the structurally and functionally distinct G-alpha subunits. Regulator of G protein signaling 10 protein is localized in the nucleus. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	6001
基因名	RGS10
Swiss	O43665
别名	RGS10

## 产品验证



Western blot analysis of RGS10 expressed in Rat brain, HeLa, HepG2 using RGS10 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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