

产品概述

产品名 (Product Name)	RGS10 rabbit Polyclonal Antibody
货号 (Catalog No.)	ATA36823
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human,Mouse,Rat
应用实验 (Tested applications)	WB,IHC-p,ELISA
克隆性 (Clonality)	Polyclonal
免疫原 (Immunogen)	The antiserum was produced against synthesized peptide derived from human RGS10. AA range:80-129

产品性能

状态 (Form)	Liquid
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
纯化方式 (Purity)	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

应用

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

产品背景

regulator of G-protein signaling 10(RGS10) Homo sapiens 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-alpha_{i3} and G-alpha₁₂ 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. [provided by RefSeq, Jul 2008].