

## 产品概述

产品名 ( Product Name )	RGS1 rabbit Polyclonal Antibody
货号 ( Catalog No. )	ATA36822
宿主 ( Host )	Rabbit
反应种属 ( Species specificity )	Human,Mouse,Rat
应用实验 ( Tested applications )	WB,ELISA
克隆性 ( Clonality )	Polyclonal
免疫原 ( Immunogen )	The antiserum was produced against synthesized peptide derived from the Internal region of human RGS1. AA range:160-209

## 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. ELISA: 1/10000. Not yet tested in other applications.

## 产品背景

regulator of G-protein signaling 1(RGS1) Homo sapiens This gene encodes a member of the regulator of G-protein signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. [provided by RefSeq, Jul 2008],