

Datasheet for ABIN127074  
**anti-RGS3 antibody (AA 401-519)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	0.1 mg
Target:	RGS3
Binding Specificity:	AA 401-519
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Immunogen:	E. coli-expressed human RGS3 (aa 401-519)
Specificity:	This antibody detects human RGS3. Other species not tested.
Purification:	Protein A chromatography

## Target Details

Target:	RGS3
Alternative Name:	RGS3 ( <a href="#">RGS3 Products</a> )
Background:	RGS3 (regulator of G protein signaling 3) is a 519-residue protein that is widely expressed in many tissues and cells. The protein contains an RGS domain near the carboxy terminus that serves as a GTPase-activating protein (GAP). RGS3 negatively regulates the activation of G $\alpha$ i and G $\alpha$ q. A truncated RGS3 (RGS3T), with its N-terminal 313 residues removed, has been

## Target Details

shown to negatively regulate acenylyl cyclase and PLC. RGS3T may be localized in the nucleus and RGS3 is found in cytoplasm. Translocation to membrane is important for the RGS proteins to interact with heterotrimeric G proteins. Synonyms: RGP3, Regulator of G-protein signaling 3

Gene ID:	5998
NCBI Accession:	<a href="#">NP_060260</a>
UniProt:	<a href="#">P49796</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	Western Blot: 1.0 µg/mL. Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

Concentration:	0.2 mg/mL
Buffer:	PBS, pH 7.2, containing 50 % glycerol, 1 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C to -70 °C.

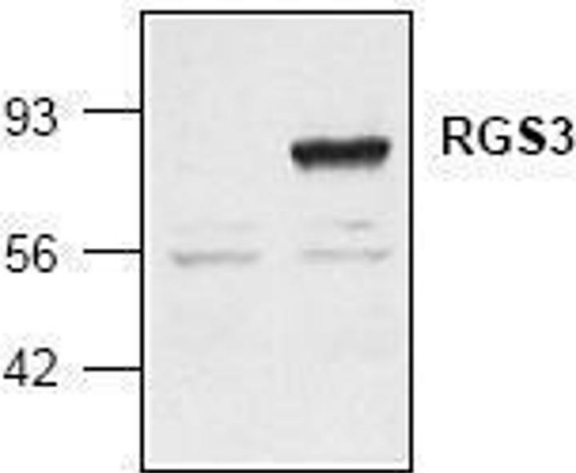


Image 1.