

Datasheet for ABIN954533
anti-RGS5 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	RGS5
Binding Specificity:	AA 23-53, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 23-53 amino acids from the N-terminal region of Human RGS5. Genename: RGS5
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RGS5 (N-term).
Purification:	Affinity Chromatography on protein A

Target Details

Target:	RGS5
Alternative Name:	RGS5 (RGS5 Products)
Background:	This gene encodes a member of the regulators of G protein signaling (RGS) family. The RGS

Target Details

proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. This gene is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants encoding different isoforms have been identified. Synonyms: Regulator of G-protein signaling 5

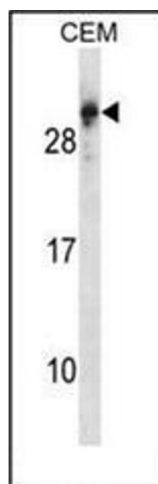
Molecular Weight:	20946 Da
Gene ID:	8490
NCBI Accession:	NP_003608
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % 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:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of RGS5 Antibody (N-term) in CEM cell line lysates (35ug/lane). This demonstrates the RGS5 antibody detected the RGS5 protein (arrow).