

## ARG45599 anti-RGS3 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes RGS3
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RGS3
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminal region of mouse RGS3.
Conjugation	Un-conjugated
Alternate Names	RGS3; Regulator Of G Protein Signaling 3; Regulator Of G-Protein Signaling 3; C2PA; Regulator Of G-Protein Signalling 3; FLJ20370; PDZ-RGS3; RGP3

### Application Instructions

Application table	Application	Dilution
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

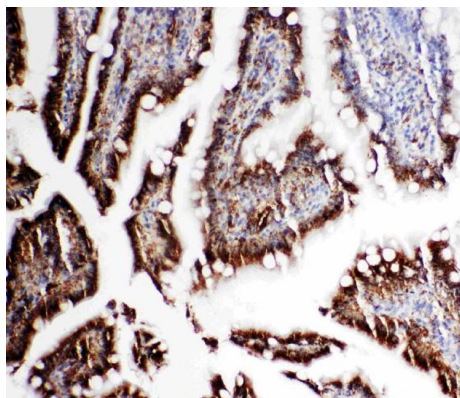
### Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	RGS3
Gene Full Name	Regulator Of G Protein Signaling 3
Background	This gene encodes a member of the regulator of G-protein signaling (RGS) family. This protein is a GTPase-activating protein that inhibits G-protein-mediated signal transduction. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms. Long isoforms are largely cytosolic and plasma membrane-associated with a function in Wnt signaling and in the epithelial mesenchymal transition, while shorter N-terminally-truncated isoforms can be nuclear. [provided by RefSeq, Jan 2013]
Function	Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein-mediated release of inositol phosphates and activation of MAP kinases. [UniProt]
Calculated Mw	132 kDa
PTM	Methylation; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cell membrane; Cytoplasm; Membrane; Nucleus. [UniProt]

## Images



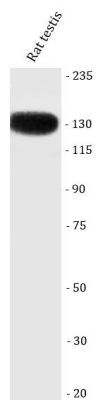
ARG45599 anti-RGS3 antibody IHC-P image

Immunohistochemistry: Rat intestine stained with ARG45599 anti-RGS3 antibody at 2 µg/ml dilution.



ARG45599 anti-RGS3 antibody WB image

Western blot: HeLa stained with ARG45599 anti-RGS3 antibody.



#### ARG45599 anti-RGS3 antibody WB image

Western blot: Rat testis stained with ARG45599 anti-RGS3 antibody.