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## Datasheet for ABIN2627627 anti-RGS3 antibody (AA 909-925)

### Overview

Quantity:	100 µg
Target:	RGS3
Binding Specificity:	AA 909-925
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse RGS3(909-925aa DSYTREHTKENLQSITR), identical to the related rat sequence, and different from the related human sequence by two amino acids.
Isotype:	IgG
Specificity:	Detected in embryos from E8.5-16.5 in cortical ventricular zone, dorsal root ganglia and cerebellar primordia. Isoform 3 is detected in testis and in spermatocytes from newborn mice. Levels increase and reach a maximum after 21 days, after this they decrease again. Long isoforms are widely expressed. .
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

## Target Details

Target:	RGS3
Alternative Name:	RGS3 ( <a href="#">RGS3 Products</a> )
Background:	Name/Gene ID: RGS3 Family: Regulator of G-protein signalling  Synonyms: RGS3, C2PA, RGP3, PDZ-RGS3
Gene ID:	5998
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid freeze-thaw cycles.