Rabbit RGS3 Polyclonal Antibody | anti-Rgs3 antibody

Anti-RGS3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45510	**Rabbit**	**Reacts with: Human, Rat Predicted to work with: Mouse**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

RGS3; Polyclonal Antibody; Anti-RGS3 antibody; Regulator of G-protein signaling 3; regulator of G-protein signaling 3; C2PA antibody; FLJ20370 antibody; FLJ31516 antibody; FLJ90496 antibody; PDZ RGS 3 antibody; PDZ RGS3 antibody; Regulator of G protein signaling 3 antibody; Regulator of G protein signalling 3 antibody; Regulator of G-protein signaling 3 antibody; RGP 3 antibody; RGP3 antibody; RGS 3 antibody; RGS3 antibody; RGS3_HUMAN antibody; anti-Rgs3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	966
Applicable Applications for anti-Rgs3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
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.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

IHC (Immunohiostchemistry)
Anti-RGS3 antibody, AAA45510, IHC(P)IHC(P): Rat Intestine Tissue

WB (Western Blot)
Anti-RGS3 antibody, AAA45510, Western blottingLane 1: Rat Testis Tissue LysateLane 2: Rat Brain Tissue LysateLane 3: Rat Spleen Tissue LysateLane 4: HELA Cell LysateLane 5: U87 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-Rgs3 antibody	**Description:** Rabbit IgG polyclonal antibody for Regulator of G-protein signaling 3(Rgs3) detection. Tested with WB, IHC-P in Human, Mouse, Rat. **Background:** RGS3(Regulator of G Protein Signaling 3), is a protein that in humans is encoded by the RGS3 gene. Chatterjee et al.(1997) studied RGS3, the largest member of the RGS family then identified. Mouse Pdz-Rgs3 can mediate signaling from the ephrin-B cytoplasmic tail. By radiation hybrid mapping, Chatterjee et al.(1997) assigned the RGS3 gene to chromosome 9q31-q33. Lu et al.(2001) showed that Sdf1, a chemokine with a G protein-coupled receptor, and Bdnf are chemoattractants for cerebellar granule cells, and that Sdf1 chemoattraction is selectively inhibited by soluble ephrin-B receptor. This inhibition could be blocked by a truncated Pdz-Rgs3 protein lacking the RGS domain.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67477416
NCBI GeneID	50780
UniProt Accession #	Q9DC04; Q5SRB1; Q5SRB4; Q5SRB8; Q8CEE3; Q8VI25; Q925G9; Q9JL22; Q9JL23; Q9QXA2
NCBI Official Full Name	Regulator of G-protein signaling 3
NCBI Official Synonym Full Names	regulator of G-protein signaling 3
NCBI Official Symbol	Rgs3
NCBI Official Synonym Symbols	C2pa; RGS3S; PDZ-RGS3; C2PA-RGS3; 4930506N09Rik
NCBI Protein Information	regulator of G-protein signaling 3; C2 membrane binding, PDZ protein/protein interaction, ATP/GTP binding domains
UniProt Protein Name	Regulator of G-protein signaling 3
UniProt Gene Name	**Rgs3**
UniProt Synonym Gene Names	RGS3
UniProt Entry Name	RGS3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/rgs3-antibody-immunohistochemistry-western-blot-elisa/45510