Rabbit RGS1 Polyclonal Antibody | anti-RGS1 antibody

RGS1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169804	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

RGS1; Polyclonal Antibody; RGS1 Polyclonal Antibody; 1R20; BL34; IER1; IR20; HEL-S-87; anti-RGS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.5mg/mL (varies by lot)
Sequence Length	209
Applicable Applications for anti-RGS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human RGS1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human prostate cancer using RGS1 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)
Western Blot analysis of RAW264.7 cell using RGS1 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-RGS1 antibody	This gene encodes a member of the regulator of G-protein signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115387108

NCBI GeneID	5996
NCBI Accession #	NP_002913.3
NCBI GenBank Nucleotide #	NM_002922.3
Molecular Weight	19,134 Da
NCBI Official Full Name	regulator of G-protein signaling 1
NCBI Official Synonym Full Names	regulator of G-protein signaling 1
NCBI Official Symbol	RGS1
NCBI Official Synonym Symbols	1R20; BL34; IER1; IR20; HEL-S-87
NCBI Protein Information	regulator of G-protein signaling 1; B-cell activation protein BL34; early response protein 1R20; epididymis secretory protein Li 87; immediate-early response 1, B-cell specific; regulator of G-protein signalling 1
UniProt Protein Name	Regulator of G-protein signaling 1
UniProt Gene Name	**RGS1**
UniProt Synonym Gene Names	1R20; BL34; IER1; RGS1
UniProt Entry Name	RGS1_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/rgs1-antibody-immunohistochemistry-western-blot-elisa/169804