

Rabbit anti-Human, Rat RGS6 Polyclonal Antibody | anti-RGS6 antibody

RGS6 Antibody

CATALOG # AAA234424	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

RGS6; Polyclonal Antibody; RGS6 Antibody; Regulator of G-protein signaling 6; S914; anti-RGS6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	490
Applicable Applications for anti-RGS6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Regulator of G-protein signaling 6 protein (177-262AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234424 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234424 diluted at 1:300 and staining in paraffin-embedded human melanoma cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234424 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Rat heart tissueAll lanes: RGS6 antibody at 8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 55, 57, 54, 50, 51, 53, 52, 41, 56 KDaObserved band size: 55 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-RGS6 antibody	Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. The RGS6/GNB5 dimer enhances GNAO1 GTPase activity (PubMed:10521509).
Product Categories/Family for anti-RGS6 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	325053674
NCBI GeneID	9628
NCBI Accession #	NP_001191345.1
NCBI GenBank Nucleotide #	NM_001204416.2
UniProt Accession #	P49758 ; O75576 ; O75577 ; Q7Z4K3 ; Q7Z4K4 ; Q7Z4K5 ; Q7Z4K6 ; Q8TE13 ; Q8TE14 ; Q8TE15 ; C9JE95 ; F8W7W5
Molecular Weight	53,319 Da
NCBI Official Full Name	regulator of G-protein signaling 6 isoform 1
NCBI Official Synonym Full Names	regulator of G protein signaling 6
NCBI Official Symbol	RGS6
NCBI Official Synonym Symbols	GAP; S914; HA117
NCBI Protein Information	regulator of G-protein signaling 6
UniProt Protein Name	Regulator of G-protein signaling 6
UniProt Gene Name	RGS6
UniProt Synonym Gene Names	RGS6

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/rgs6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234424>