

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

Anti-RGS6 Antibody, Rabbit Polyclonal

CATALOG # AAA256837	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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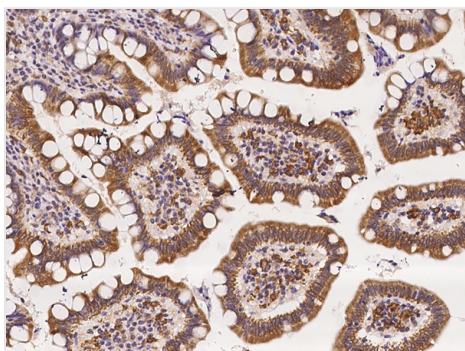
PRODUCT SYNONYMS

RGS6; Polyclonal Antibody; Anti-RGS6 Antibody; Rabbit Polyclonal; RGS6 Antibody; Rabbit PAb; Antigen Affinity Purified; regulator of G-protein signaling 6; Anti-GAP Antibody; anti-RGS6 antibody

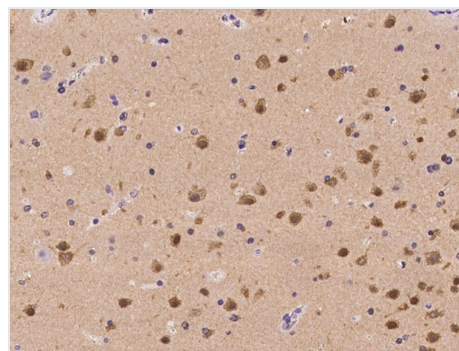
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RGS6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RGS6 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RGS6 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RGS6 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human RGS6 in human small intestine with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human RGS6 in human brain with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RGS6 antibody	Regulator of G protein signaling 6 (RGS6) is a member of a subfamily of mammalian RGS proteins that possess DEP (disheveled, Egl-10, pleckstrin) and GGL (G protein gamma subunit-like) domains in addition to the hallmark RGS domain. RGS6 is unique among the members of the RGS protein family as it remains the only protein with the demonstrated capacity to control G protein-dependent and -independent signaling cascades in vivo. RGS6 inhibits signaling mediated by gamma-aminobutyric acid B receptors, serotonin 1A receptors, u opioid receptors, and muscarinic acetylcholine 2 receptors. RGS6 deletion triggers distinct behavioral phenotypes resulting from potentiated signaling by these G protein-coupled receptors namely ataxia, a reduction in anxiety and depression, enhanced analgesia, and increased parasympathetic tone, respectively. Besides, RGS6 possesses potent proapoptotic and growth-suppressive actions.
Product Categories/Family for anti-RGS6 antibody	G Protein-coupled Receptors Signaling
References	Stewart A, et al. (2015) Two for the price of one: G protein-dependent and -independent functions of rgs6 in vivo. Prog Mol Biol Transl Sci 133 123-151.Liu Z, et al. (2004) Rgs6 interacts with dmap1 and dnmt1 and inhibits dmap1 transcriptional repressor activity. J Biol Chem 279 (14): 14120-14128.Ahlers KE, et al. (2016) Rgs6 as a novel therapeutic target in cns diseases and cancer. Aaps j 18 (3): 560-572.

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-immunohistochemistry-elisa/256837>