

Rabbit anti-Human RGS7 Polyclonal Antibody | anti-RGS7 antibody

RGS7 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288924	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

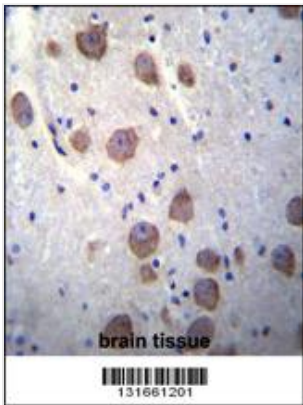
PRODUCT SYNONYMS

RGS7; Polyclonal Antibody; RGS7 Antibody (C-term); Regulator of G-protein signaling 7; anti-RGS7 antibody

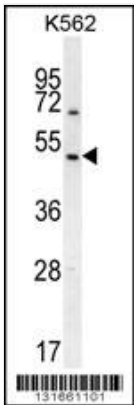
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RGS7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 440-469 amino acids from the C-terminal region of human RGS7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	440-469
Sequence Length	487
Applicable Applications for anti-RGS7 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
RGS7 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RGS7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RGS7 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the RGS7 antibody detected the RGS7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RGS7 antibody	RGS7 inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(o)-alpha is specifically enhanced by the RGS6/GNG5 dimer. May play a role in synaptic vesicle exocytosis. May play important role in the rapid regulation of neuronal excitability and the cellular responses to short-lived stimulations (By similarity).
Product Categories/Family for anti-RGS7 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Wang, J., et al. Carcinogenesis (2010) In press : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) McCauley, J.L., et al. Genes Immun. 10(7):624-630(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156627563
NCBI GeneID	6000
NCBI Accession #	NP_002915.3
NCBI GenBank Nucleotide #	NM_002924.5
UniProt Accession #	P49802; Q5T3H4; Q8TD66; Q8TD67; Q8WW09; Q9UNU7; Q9Y6B9
Molecular Weight	57668
NCBI Official Full Name	regulator of G-protein signaling 7 isoform 1
NCBI Official Synonym Full Names	regulator of G-protein signaling 7
NCBI Official Symbol	RGS7
NCBI Protein Information	regulator of G-protein signaling 7
UniProt Protein Name	Regulator of G-protein signaling 7
UniProt Gene Name	RGS7
UniProt Synonym Gene Names	RGS7

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://www.aaabiotech.com/polyclonal/rgs7-antibody-immunohistochemistry-western-blot-elisa/288924>