

Rabbit anti-Human RGS4 Polyclonal Antibody | anti-RGS4 antibody

RGS4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301581	Rabbit	Human	Immunohistochemistry, Western Blot

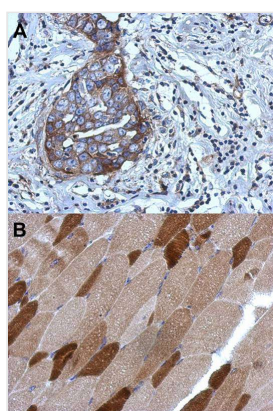
PRODUCT SYNONYMS

RGS4; Polyclonal Antibody; RGS4 antibody; anti-RGS4 antibody

PRODUCT SPECIFICATIONS

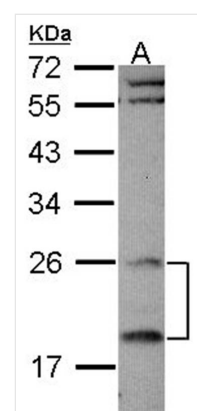
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	205
Applicable Applications for anti-RGS4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 198 of RGS4
Target Name	RGS4
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

A: Immunohistochemical analysis of paraffin-embedded Breast ca, using RGS4 antibody at 1: 500 dilution. B: Immunohistochemical analysis of paraffin-embedded Muscle, using RGS4 antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Raji 12% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-RGS4 antibody	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 4 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. Regulator of G protein signaling 4 protein is 37% identical to RGS1 and 97% identical to rat Rgs4. This protein negatively regulate signaling upstream or at the level of the heterotrimeric G protein and is localized in the cytoplasm. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Product Categories/Family for anti-RGS4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12653889
NCBI GeneID	5999
Molecular Weight	21,452 Da
NCBI Official Full Name	RGS4 protein
NCBI Official Synonym Full Names	regulator of G-protein signaling 4
NCBI Official Symbol	RGS4
NCBI Official Synonym Symbols	RGP4; SCZD9
NCBI Protein Information	regulator of G-protein signaling 4
UniProt Protein Name	Regulator of G-protein signaling 4
UniProt Gene Name	RGS4
UniProt Synonym Gene Names	RGP4; RGS4
UniProt Entry Name	RGS4_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/rgs4-antibody-immunohistochemistry-western-blot-elisa/301581>