Rabbit RGS4 Polyclonal Antibody | anti-RGS4 antibody

RGS4 Antibody

CATALOG #	HOST	APPLICATIONS
AAA225622	**Rabbit**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

RGS4; Polyclonal Antibody; RGS4 Antibody; Affinity Purified Rabbit Polyclonal RGS4 Antibody; Polyclonal RGS4 antibody; Anti-RGS4 antibody; DKFZp761F1924 antibody; MGC2124 antibody; RGS4 antibody; regulator of G-protein signaling 4 antibody; MGC60244 antibody; RGS 4; RGP4 antibody; RGS 4 antibody; RGS-4; RGS-4 antibody; schizophrenia disorder 9 antibody; SCZD9 antibody; anti-RGS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated soloution containing 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.43 mg/ml (varies by lot)
Sequence Length	205
Applicable Applications for anti-RGS4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical staining of paraffin-embedded Breast ca using RGS4 antibody at a dilution of 1:500

WB (Western Blot)
Western blot analysis of 30 ug of whole cell lysate (A: Raji) using a 12% SDS PAGE gel and RGS4 antibody at a dilution of 1:1000

IHC (Immunohistochemistry)
Immunohistochemical staining of paraffin-embedded Muscle using RGS4 antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-RGS4 antibody	Regulator of G protein signaling family members are regulatory molecules that act as GTPase activating proteins 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.
Product Categories/Family for anti-RGS4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	2190041
NCBI GeneID	19736
Molecular Weight	23 kDa
NCBI Official Full Name	RGS4
NCBI Official Synonym Full Names	regulator of G-protein signaling 4
NCBI Official Symbol	Rgs4
NCBI Official Synonym Symbols	ESTM48; ESTM50; AA004315; AA597169
NCBI Protein Information	regulator of G-protein signaling 4

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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