Mouse RGS16 Monoclonal Antibody | anti-RGS16 antibody

RGS16 antibody

CATALOG #	HOST	APPLICATIONS
AAA106601	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence**

PRODUCT SYNONYMS

RGS16; Monoclonal Antibody; RGS16 antibody; Monoclonal RGS16; Anti-RGS16; Regulator Of G-Protein Signalling 16; RGS 16; RGS-16; anti-RGS16 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4C9
Purity/Purification	RGS16 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	202
Applicable Applications for anti-RGS16 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	RGS16 belongs to the 'regulator of G protein signaling' family. It inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade.
Cross-Reactivity	Human
Immunogen	RGS16 antibody was raised in mouse using a full length recombinant protein of human RGS16 (NP_002919) produced in HEK293T cells, as the immunogen.
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 analysis of RGS16 protein in paraffin embedded Human Kidney tissue using RGS16 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RGS16 protein (Right) or empty vector (Left) detected with RGS16 antibody

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant RGS16 protein using RGS16 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RGS16 antibody	Mouse monoclonal RGS16 antibody
Product Categories/Family for anti-RGS16 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	156416009
NCBI GeneID	6004
NCBI Accession #	NP_002919
NCBI GenBank Nucleotide #	NM_002928.3
UniProt Accession #	O15492; Q5VYN9; Q99701; B2R4M4
Molecular Weight	22,749 Da
NCBI Official Full Name	regulator of G-protein signaling 16
NCBI Official Synonym Full Names	regulator of G-protein signaling 16
NCBI Official Symbol	RGS16
NCBI Official Synonym Symbols	RGS-R; A28-RGS14; A28-RGS14P
NCBI Protein Information	regulator of G-protein signaling 16
UniProt Protein Name	Regulator of G-protein signaling 16
UniProt Gene Name	**RGS16**
UniProt Synonym Gene Names	RGSR; RGS16; RGS-r; hRGS-r
UniProt Entry Name	RGS16_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/monoclonal/rgs16-antibody-clone-4c9-western-blot-immunohistochemistry-immunofluorescence-elisa/106601