

Rabbit RGS5 Polyclonal Antibody | anti-RGS5 antibody

RGS5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325068	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

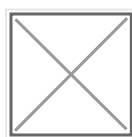
PRODUCT SYNONYMS

RGS5; Polyclonal Antibody; RGS5 Antibody; MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129; Regulator of G Protein Signalling 5; Regulator of G-protein signaling 5; RGS 5; RGS5_HUMAN; anti-RGS5 antibody

PRODUCT SPECIFICATIONS

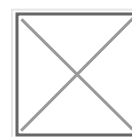
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RGS5 antibody detects endogenous levels of total RGS5
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	73
Applicable Applications for anti-RGS5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RGS5, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



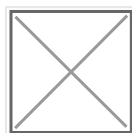
WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, using RGS5 antibody.



IF (Immunofluorescence)

AAA325068 staining NIH-3T3 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA325068 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-RGS5 antibody	Function: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	305855068
NCBI GeneID	8490
NCBI Accession #	NP_001182232.1
NCBI GenBank Nucleotide #	NM_001195303.2
UniProt Accession #	O15539; Q53XA9; Q599J0; E9PMP5
Molecular Weight	21 KD
NCBI Official Full Name	regulator of G-protein signaling 5 isoform 2
NCBI Official Synonym Full Names	regulator of G protein signaling 5
NCBI Official Symbol	RGS5
NCBI Official Synonym Symbols	MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129
NCBI Protein Information	regulator of G-protein signaling 5
UniProt Protein Name	Regulator of G-protein signaling 5
UniProt Gene Name	RGS5
UniProt Synonym Gene Names	RGS5

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/rgs5-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325068>