

Rabbit RGS5 Polyclonal Antibody | anti-RGS5 antibody

RGS5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201697	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rat	Western Blot

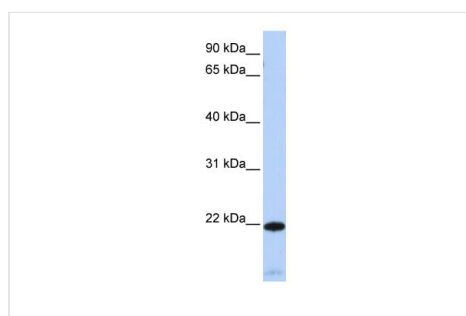
PRODUCT SYNONYMS

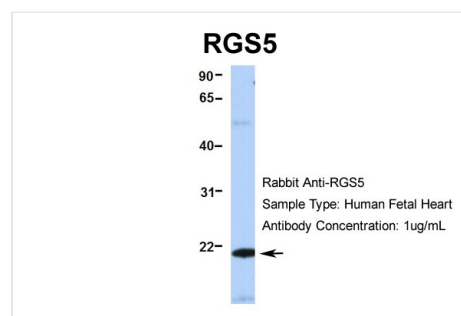
RGS5; Polyclonal Antibody; RGS5 antibody - middle region; anti-RGS5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PD SVGDLVIPYN EKPEKPAKTQ KTSLEALQWRDSDLKLLQN NYGLASFKS
Sequence Length	181
Applicable Applications for anti-RGS5 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 92%; Human: 100%; Mouse: 84%; Pig: 76%; Rat: 84%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RGS5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-RGS5 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: Human heart

WB (Western Blot)

Hum. Fetal Heart

ADDITIONAL INFORMATION

Related Product Information for anti-RGS5 antibody	This is a rabbit polyclonal antibody against RGS5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The regulator of G protein signaling (RGS) proteins are signal transduction molecules that have structural homology to SST2 of Saccharomyces cerevisiae and EGL-10 of Caenorhabditis elegans. Multiple genes homologous to SST2 are present in higher eukaryotes. RGS proteins are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators.The regulator of G protein signaling (RGS) proteins are signal transduction molecules that have structural homology to SST2 of Saccharomyces cerevisiae and EGL-10 of Caenorhabditis elegans. Multiple genes homologous to SST2 are present in higher eukaryotes. RGS proteins are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-663 AU130764.1 1-663 664-2587 BX537427.1 499-2422 2588-3235 BU187973.1 34-681 3236-3746 AL600981.1 90-600 3747-4143 AA486366.1 76-472 4144-4358 AA974387.1 113-327 c 4359-4664 BX537427.1 4194-4499 4665-5573 AF176919.1 724-1632 5574-5848 BX537427.1 5409-5683
Product Categories/Family for anti-RGS5 antibody	Polyclonal; Various; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506519
NCBI GeneID	8490
NCBI Accession #	NP_003608
NCBI GenBank Nucleotide #	NM_003617
UniProt Accession #	O15539
Molecular Weight	21kDa
NCBI Official Full Name	regulator of G-protein signaling 5 isoform 1
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
UniProt Entry Name	RGS5_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://www.aaabiotech.com/polyclonal/rgs5-antibody-western-blot-elisa/201697>