

Rabbit Somatostatin Receptor 1 Polyclonal Antibody | anti-SSTR1 antibody

Anti-Somatostatin Receptor 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45194	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

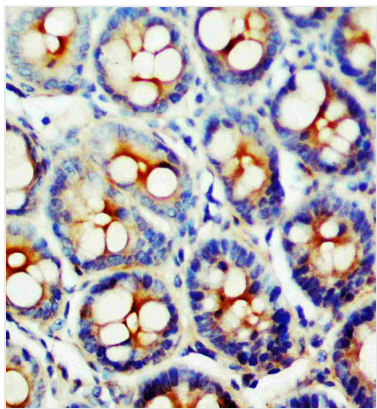
PRODUCT SYNONYMS

Somatostatin Receptor 1; Polyclonal Antibody; Anti-Somatostatin Receptor 1 antibody; Somatostatin receptor type 1(SS-1-R/SS1-R/SS1R); somatostatin receptor 1; G-protein coupled receptor antibody; Somatostatin R1 antibody; Somatostatin receptor 1 antibody; Somatostatin receptor isoform 1 antibody; Somatostatin receptor type 1 antibody; SRIF 2 antibody; SRIF-2 antibody; SRIF2 antibody; SS-1-R antibody; SS1 R antibody; SS1-R antibody; SS1R antibody; SSR1_HUMAN antibody; SSTR 1 antibody; SSTR1 antibody; anti-SSTR1 antibody

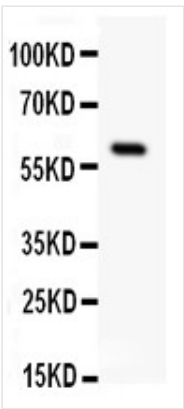
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	391
Applicable Applications for anti-SSTR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Somatostatin Receptor 1 (361-381aa RAYSVEDFQPENLESGGVFRN), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-SSTR1 antibody, AAA45194, IHC(P)IHC(P): Rat Intestine Tissue



WB (Western Blot)
Anti-SSTR1 antibody, AAA45194, Western blottingAll lanes: Anti SSTR1 (AAA45194) at 0.5ug/mlWB: Rat Intestine Tissue Lysate at 50ugPredicted bind size: 43KDObserved bind size: 60KD

ADDITIONAL INFORMATION

Related Product Information for anti-SSTR1 antibody	Description: Rabbit IgG polyclonal antibody for Somatostatin receptor type 1(SSTR1) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: SSTR1(Somatostatin receptor type 1) is a protein that in humans is encoded by the SSTR1 gene. The SSTR1 gene is mapped to chromosome 14. Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biological effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. The encoded protein is a member of the superfamily of somatostatin receptors having seven transmembrane segments, and is expressed in highest levels in jejunum and stomach.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	401124
NCBI GeneID	6751
UniProt Accession #	P30872
Molecular Weight	42,686 Da
NCBI Official Full Name	Somatostatin receptor type 1
NCBI Official Synonym Full Names	somatostatin receptor 1
NCBI Official Symbol	SSTR1
NCBI Official Synonym Symbols	SS1R; SS1-R; SRIF-2; SS-1-R
NCBI Protein Information	somatostatin receptor type 1
UniProt Protein Name	Somatostatin receptor type 1
UniProt Gene Name	SSTR1
UniProt Synonym Gene Names	SS-1-R; SS1-R; SS1R
UniProt Entry Name	SSR1_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.