

Rabbit SSTR1 Polyclonal Antibody | anti-SSTR1 antibody

SSTR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326925	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

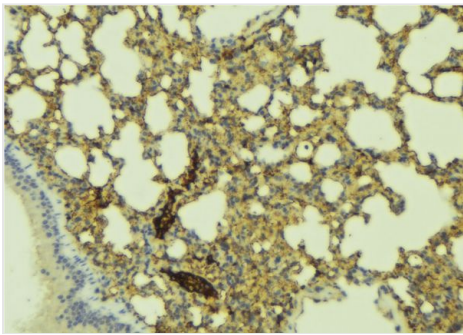
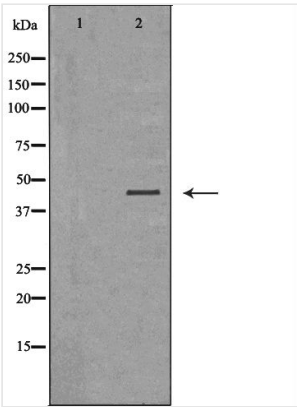
PRODUCT SYNONYMS

SSTR1; Polyclonal Antibody; SSTR1 Antibody; G-protein coupled receptor; Somatostatin R1; Somatostatin receptor 1; Somatostatin receptor isoform 1; Somatostatin receptor type 1; SRIF 2; SRIF-2; SRIF2; SS-1-R; SS1 R; SS1-R; SS1R; SSR1_HUMAN; SSTR 1; Sstr1; anti-SSTR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SSTR1 antibody detects endogenous levels of total SSTR1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	391
Applicable Applications for anti-SSTR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human SSTR1
Subcellular Location	Cell Membrane
Tissue Specificity	Fetal kidney, fetal liver, and adult pancreas, brain, lung, jejunum and stomach.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326925 at 1/100 staining Mouse lung 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.

WB (Western Blot)
Western blot analysis of THP-1 cell lysate, using SSTR1 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SSTR1 antibody

Description: Somatostatins are peptide hormones that regulate diverse cellular functions such as neurotransmission, cell proliferation, and endocrine signaling as well as inhibiting the release of many hormones and other secretory proteins. Somatostatin has two active forms of 14 and 28 amino acids. The biological effects of somatostatins are mediated by a family of G-protein coupled somatostatin receptors that are expressed in a tissue-specific manner. The protein encoded by this gene is a member of the superfamily of somatostatin receptors having seven transmembrane segments. Somatostatin receptors form homodimers and heterodimers with other members of the superfamily as well as with other G-protein coupled receptors and receptor tyrosine kinases. This somatostatin receptor has greater affinity for somatostatin-14 than-28.

Function: Receptor for somatostatin with higher affinity for somatostatin-14 than-28. This receptor is coupled via pertussis toxin sensitive G proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and Na⁺/H⁺ exchanger via pertussis toxin insensitive G proteins.

Subunit Structure: Interacts with SKB1.

Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557857
NCBI GeneID	6751
NCBI Accession #	NP_001040.1
NCBI GenBank Nucleotide #	NM_001049.2
UniProt Accession #	P30872
Molecular Weight	Observed: 43 kDa Predicted: 43 kDa
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

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/sstr1-antibody-immunohistochemistry-western-blot-elisa/326925>