

## SSTR1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08587
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SSTR1. AA range:9-58
<b>Mol wt</b>	42686
<b>Species reactivity</b>	Human, Mouse, Rat, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	SSTR1 Antibody
<b>Synonyms</b>	SSTR1; Somatostatin receptor type 1; SS-1-R; SS1-R; SS1R; SRIF-2

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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 SSTR1 (somatostatin receptor 1) 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.

### Recommended Dilution

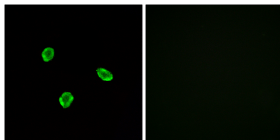
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

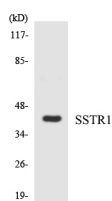
ELISA: 1: 20000

Not yet tested in other applications.

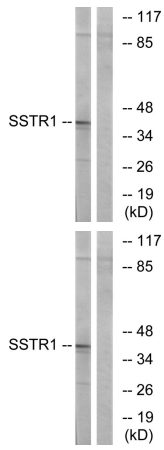
### Images



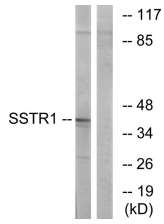
Immunofluorescence analysis of A549 cells, using SSTR1 Antibody. The picture on the right is blocked with the synthesized peptide.



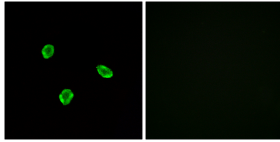
Western blot analysis of the lysates from COLO205 cells using SSTR1 antibody.



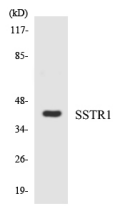
Western blot analysis of lysates from COS7 cells, using SSTR1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using SSTR1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549 cells, using SSTR1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using SSTR1 antibody.

### Storage

-20°C for one year

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