

**SSTR1 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10237****Specification**

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**SSTR1 Antibody (C-Terminus) - Product Information**

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| Application       | IHC-P                                                                      |
| Primary Accession | <a href="#">P30872</a>                                                     |
| Reactivity        | Human, Mouse, Rabbit, Hamster, Monkey, Pig, Sheep, Bovine, Guinea Pig, Dog |
| Host              | Rabbit                                                                     |
| Clonality         | Polyclonal                                                                 |
| Calculated MW     | 43kDa KDa                                                                  |
| Dilution          | IHC-P~~N/A                                                                 |

**SSTR1 Antibody (C-Terminus) - Additional Information****Gene ID** 6751**Other Names**

Somatostatin receptor type 1, SS-1-R, SS1-R, SS1R, SRIF-2, SSTR1

**Target/Specificity**

Human SSTR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

SSTR1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**SSTR1 Antibody (C-Terminus) - Protein Information****Name** SSTR1**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.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Fetal kidney, fetal liver, and adult pancreas, brain, lung, jejunum and stomach

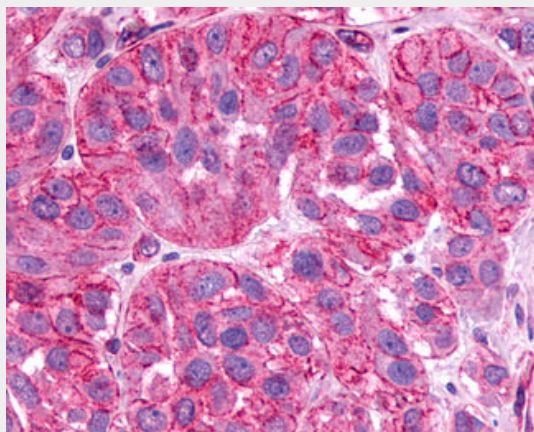
**Volume**  
50 µl

### **SSTR1 Antibody (C-Terminus) - Protocols**

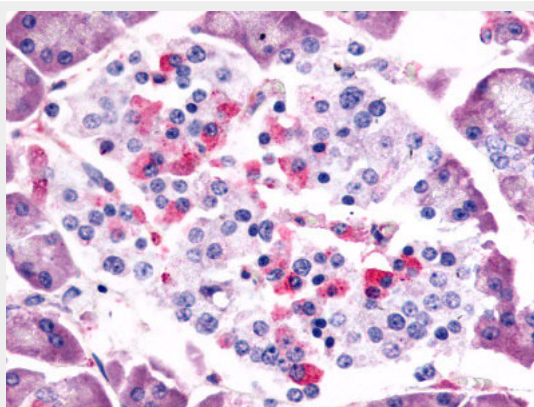
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **SSTR1 Antibody (C-Terminus) - Images**



Anti-SSTR1 antibody IHC of human Skin, Melanoma.



Anti-SSTR1 antibody ALS10237 IHC of human pancreas, islet of Langerhans.

### **SSTR1 Antibody (C-Terminus) - Background**

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.

**SSTR1 Antibody (C-Terminus) - References**

Yamada Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:251-255(1992).  
Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.  
Schwaerzler A.,et al.J. Biol. Chem. 275:9557-9562(2000).