# antibodies - online.com





## anti-SSTR1 antibody (C-Term)

**Images** 



#### Overview

Quantity: 100 μL	
νου μ-1	
Target: SSTR1	
Binding Specificity: C-Term	
Reactivity: Human, Mouse, Rat, Cow, Dog, Rabbit, Goa	t, Horse, Sheep, Guinea Pig, Zebrafish (Danio rerio)
Host: Rabbit	
Clonality: Polyclonal	
Conjugate: This SSTR1 antibody is un-conjugated	
Application: Western Blotting (WB), Immunohistochemi	stry (IHC)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SSTR1
Sequence:	RMVALKAGWQ QRKRSERKIT LMVMMVVMVF VICWMPFYVV QLVNVFAEQD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 86%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against SSTR1. It was validated on Western Blot.
Purification:	Affinity Purified

### **Target Details**

Target:	SSTR1
Alternative Name:	SSTR1 (SSTR1 Products)

#### **Target Details**

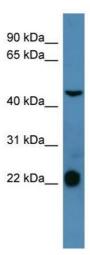
l arget Details	
Background:	Somatostatin acts at many sites to inhibit the release of many hormones and other secretory
	proteins. The biological effects of somatostatin are probably mediated by a family of G protein-
	coupled receptors that are expressed in a tissue-specific manner. The encoded protein is a
	member of the superfamily of somatostatin receptors having seven transmembrane segments,
	and is expressed in highest levels in jejunum and stomach.
	Alias Symbols: SRIF-2
	Protein Interaction Partner: SNTA1, PRMT5, SST, CORT, SSTR5,
	Protein Size: 391
Molecular Weight:	43 kDa
Gene ID:	6751
NCBI Accession:	NM_001049, NP_001040
UniProt:	P28646
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 391 AA

### Handling

Restrictions:

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

For Research Use only



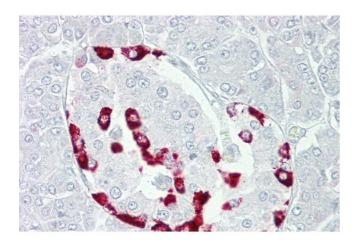
#### **Western Blotting**

Image 1. WB Suggested Anti-SSTR1 Antibody Titration:

0.2-1 ug/ml

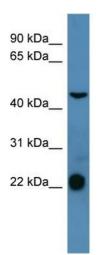
**ELISA Titer:** 1:1562500

Positive Control: THP-1 cell lysate



#### **Immunohistochemistry**

**Image 2.** Immunohistochemistry with Pancreas tissue at an antibody concentration of  $5\mu g/ml$  using anti-SSTR1 antibody (ARP59559\_P050)



Rabbit Anti-SSTR1 Antibody Catalog Number: ARP59559 Lot Number: QC30517 Lane: THP-1 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

#### **Western Blotting**

Image 3. WB Suggested Anti-SSTR1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: THP-1 cell lysate